```
(FILE 'USPAT' ENTERED AT 11:34:53 ON 19 NOV 1998)
L1          109 S 705/35/CCLS
L2          154 S FINANCIAL INSTRUMENTS
L3           25 S VIDEO WALL
L4           53 S CORPORATE LOGOS
L5         1306 S VALUE INFORMATION
L6            4 S GRAPHIC IDENTIFIER
L7            0 S GRAPHIC IDENTIFIER INFORMATION
L8            0 S L2 AND L3
L9            0 S L2 AND L4
L10           8 S L2 AND L5
L11          16 S L1 AND L2
L12           0 S L11 AND L5
L13           0 S L11 AND L6
L14           1 S TICKER FEED?
L15         356 S MARKET CONDITIONS
L16         120 S MARKET DATA
L17          13 S L15 AND L16
L18           8 S L1 AND L15
L19           5 S L1 AND L16
```

9/22/98

Trying 01083...Open

PLEASE ENTER HOST PORT ID:
PLEASE ENTER HOST PORT ID:x
LOGINID:d270ajb
PASSWORD:
TERMINAL (ENTER 1, 2, 3, 4, OR ?):□3

```
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*                                                               *
*            Welcome to MESSENGER (APS Text) at USPTO           *
*                                                               *
*                                                               *
*    The USPTO production files are current through:            *
*    NOVEMBER 17,1998  for U.S. Patent Text Data.               *
*    NOVEMBER 17,1998  for U.S. Current Classification Data.    *
*    NOVEMBER 17,1998  for U.S. Patent Image Data.              *
*                                                               *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*        * PLEASE USE 305-9000 FOR NEW TELEPHONE NUMBER *       *
*                                                               *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
* More U.S. patent data is now available on APS.  The new       *
* USOCR file contains patents issued in 1970, plus some         *
* patents that were missing from the USPAT file.  See the       *
* Patents News Folder under the Public Folders in e-mail for    *
* more information on using the new file.  Thank you.           *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*  DISCLAIMER:                                                  *
*  Neither the United States Government, nor any agency         *
*  thereof, nor any of their contractors, subcontractors or     *
*  employees make any warranty, expressed or implied,           *
*  including any warranty of marketability of fitness for a     *
*  particular purpose; nor assumes any legal liability or       *
*  responsibility for any party's use, or the results of        *
*  such, of the data.                                           *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*              Help Desk --> 703-305-9000                       *
*                                                               *
*    The Help Desk is staffed for APS support 7 days/week.      *
*       Monday through Friday:      6:30am - 9:00pm             *
*       Saturday, Sunday, Holidays: 8:30am - 5:00 pm            *
*                                                               *
*    The Help Desk staff at this number will handle all APS     *
*    related questions.                                         *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*    >>>>>>>>>>>> NEW SUNDAY HOURS !!! <<<<<<<<<<<<<<            *
*                                                               *
*    The APS is available:                                      *
*            6:30am - 9:00pm Monday through Friday              *
*            7:30am - 5:00pm Saturday, Sunday, Holidays         *
*                                                               *
*       APS is unavailable Thanksgiving Day, Christmas Day,     *
*       and New Year's Day.                                     *
*                                                               *
```

2.   5,742,677, Apr. 21, 1998, Information terminal having reconfigurable memory; Howard G. Pinder, et al., 380/4, 21, 25 [IMAGE AVAILABLE]

3.   5,740,549, Apr. 14, 1998, Information and advertising distribution system and method; James P. Reilly, et al., 705/14 [IMAGE AVAILABLE]

4.   5,710,889, Jan. 20, 1998, Interface device for electronically integrating global financial services; Barry Alan Clark, et al., 345/344; 235/379, 380; 705/35, 39, 42 [IMAGE AVAILABLE]

5.   5,557,798, Sep. 17, 1996, Apparatus and method for providing decoupling of data exchange details for providing high performance communication between software processes; Marion D. Skeen, et al., 705/35, 364/280, 281.3, 284, 284.3, DIG.1; 395/200.45, 200.59, 682 [IMAGE AVAILABLE]

6.   5,537,526, Jul. 16, 1996, Method and apparatus for processing a display document utilizing a system level document framework; David R. Anderson, et al., 707/515; 345/331, 346; 707/501, 512 [IMAGE AVAILABLE]

7.   5,257,369, Oct. 26, 1993, Apparatus and method for providing decoupling of data exchange details for providing high performance communication between software processes; Marion D. Skeen, et al., 395/680; 364/239.9, 240.8, 240.9, 284, DIG.1; 395/200.59 [IMAGE AVAILABLE]

8.   5,220,500, Jun. 15, 1993, Financial management system; Andrew V. Baird, et al., 705/36 [IMAGE AVAILABLE]

9.   5,208,665, May 4, 1993, Presentation player for an interactive digital communication system; Karl W. McCalley, et al., 348/12; 455/5.1 [IMAGE AVAILABLE]

10.  5,195,092, Mar. 16, 1993, Interactive multimedia presentation & communication system; Steven D. Wilson, et al., 348/13; 340/825.5; 348/19; 370/498, 528 [IMAGE AVAILABLE]

11.  5,191,410, Mar. 2, 1993, Interactive multimedia presentation and communications system; Karl W. McCalley, et al., 348/13; 379/93.12 [IMAGE AVAILABLE]

12.  5,187,787, Feb. 16, 1993, Apparatus and method for providing decoupling of data exchange details for providing high performance communication between software processes; Marion D. Skeen, et al., 395/680; 364/225, 227.2, 240.8, 242.94, 242.95, 242.96, 246.3, 260.4, 260.9, 281.3, 282.1, 284, 284.3, 284.4, DIG.1 [IMAGE AVAILABLE]

13.  5,122,795, Jun. 16, 1992, Scanning receiver for nationwide radio paging system; H. Dean Cubley, et al., 340/825.44; 455/31.2, 32.1 [IMAGE AVAILABLE]

14.  5,113,496, May 12, 1992, Bus interconnection structure with redundancy linking plurality of groups of processors, with servers for each group mounted on chassis; Karl W. McCalley, et al., 395/306; 340/825.03, 827; 364/222.2, 222.3, 227.1, 228.3, 229, 229.5, 236.2, 237.2, 237.3, 237.8, 238, 238.3, 239, 239.8, 239.9, 240, 240.2, 241.9, 242.4, 242.94, 242.96, 248.1, 260, 260.2, 263.1, 268, 268.3, 268.7, 268.9, 271, 271.4, 282.1, 284, 284.2, 284.3, 931.43, 940.68, DIG.1; 395/182.02 [IMAGE AVAILABLE]

*Campany logo* (handwritten)

```
=> d his


         (FILE 'USPAT' ENTERED AT 17:23:39 ON 19 NOV 1998)
L1           19 S DISPLAY#   (6W)(STOCK TICKER# OR STOCK SYMBOL# OR STOCK P
RIC
L2          517 S COMPAN? LOGO# OR LOGO# OF COMPAN?
L3            0 S L1 AND L2
L4           25 S DISPLAY#   (6W)(COMPAN? LOGO# OR LOGO# OF COMPAN?)
L5            0 S L4 AND L1
L6        99056 S STOCK
L7            1 S L4 AND L6
L8            0 S ( STOCK SYMBOL# AND COMPAN? LOGO#)
L9            0 S L1 AND L2
L10           0 S DIPSLAY? COMPAN? LOGO#
L11           1 S DISPLAY? COMPAN? LOGO#
L12          34 S DISPLAY? (6W)(COMPAN? LOGO# OR LOGO# OF COMPAN?)
L13           0 S L1 AND L12
L14         262 S (STOCK TICKER# OR STOCK SYMBOL# OR STOCK PRICE#)
L15           0 S L12 AND L14
L16       19346 S 345*?/CCLST
L17           6 S L12 AND L16

=> d 1-6
```

1.  5,371,851, Dec. 6, 1994, Graphical data base editor; Chris M. Pieper, et al., **345/507** [IMAGE AVAILABLE]

2.  5,296,869, Mar. 22, 1994, Digital engine analyzer; Gary D. Jonker, et al., **345/24**; 73/117.3; 324/394; **345/140**; 701/102 [IMAGE AVAILABLE].

3.  5,258,753, Nov. 2, 1993, Digital engine analyzer; Gary D. Jonker, et al., **345/140**; 73/117.3; 324/379; **345/133**; 701/102 [IMAGE AVAILABLE]

4.  5,250,935, Oct. 5, 1993, Waveform peak capture circuit for digital engine analyzer; Gary D. Jonker, et al., **345/134**; 324/379; 701/102; 702/67 [IMAGE AVAILABLE]

5.  5,247,287, Sep. 21, 1993, Digital engine analyzer; Gary D. Jonker, et al., **345/134**; 324/121R, 379; **345/140**; 701/102; 702/67 [IMAGE AVAILABLE]

6.  5,245,324, Sep. 14, 1993, Digital engine analyzer; Gary D. Jonker, et al., **345/134**; 324/121R, 379; **345/11, 169**; 701/102 [IMAGE AVAILABLE]

```
=> d 1-6 kwic
```

```
US PAT NO:      5,371,851 [IMAGE AVAILABLE]            L17: 1 of 6
US-CL-CURRENT: 345/507

DETDESC:

DETD(99)
If the window is too small to display the Workbench area, TekWAVES
```

displays the compa● logo.

US-CL-CURRENT: **345/24;** 73/117.3; 324/394; **345/140;** 701/102

DETDESC:

DETD(34)

Upon .  .  . 70, the number of cycles at 71 and the firing order of the
cylinders at 72. The screen may also **display** a **company logo**
or other identifying information at 73. An instructional message appears
at 74, instructing the user to press one of the.  .  .

US-CL-CURRENT: **345/140;** 73/117.3; 324/379; **345/133;** 701/102

DETDESC:

DETD(34)

Upon .  .  . 70, the number of cycles at 71 and the firing order of the
cylinders at 72. The screen may also **display** a **company logo**
or other identifying information at 73. An instructional message appears
at 74, instructing the user to press one of the.  .  .

US-CL-CURRENT: **345/134;** 324/379; 701/102; 702/67

DETDESC:

DETD(34)

Upon .  .  . 70, the number of cycles at 71 and the firing order of the
cylinders at 72. The screen may also **display** a **company logo**
or other identifying information at 73. An instructional message appears
at 74, instructing the user to press one of the.  .  .

US-CL-CURRENT: **345/134;** 324/121R, 379; **345/140;** 701/102; 702/67

DETDESC:

DETD(34)

Upon .  .  . 70, the number of cycles at 71 and the firing order of the
cylinders at 72. The screen may also **display** a **company logo**
or other identifying information at 73. An instructional message appears
at 74, instructing the user to press one of the.  .  .

US-CL-CURRENT: **345/134;** 324/121R, 379; **345/11, 169;** 701/102

DETDESC:

DETD(34)

Upon .  .  . 70, the number of cycles at 71 and the firing order of the
cylinders at 72. The screen may also **display** a **company logo**
or other identifying information at 73. An instructional message appears
at 74, instructing the user to press one of the.  .  .

1. 5,809,483, Sep. 15, 1998, Online transaction processing system for bond trading; S. William Broka, et al., 705/37 [IMAGE AVAILABLE]

2. 5,768,528, Jun. 16, 1998, Client-server system for delivery of online information; Christian Stumm, 395/200.61; 379/93.25; 395/182.16, 200.47 [IMAGE AVAILABLE]

3. 5,339,392, Aug. 16, 1994, Apparatus and method for creation of a user definable video displayed document showing changes in real time data; Jeffrey S. Risberg, et al., 345/333, 334; 707/501 [IMAGE AVAILABLE]

4. 5,270,922, Dec. 14, 1993, System for distributing, processing and displaying financial information; Gerard M. Higgins, 705/37; 340/825.26 [IMAGE AVAILABLE]

5. 3,913,089, Oct. 14, 1975, Method and apparatus for generating a traveling display; Francis E. Albrecht, 345/18, 121 [IMAGE AVAILABLE]

6. 3,801,961, Apr. 2, 1974, SYSTEM FOR PROVIDING A VIDEO DISPLAY HAVING DIFFERING VIDEO DISPLAY FORMATS; Thomas R. Coombe, 345/23, 27 [IMAGE AVAILABLE]

7. 3,792,462, Feb. 12, 1974, METHOD AND APPARATUS FOR CONTROLLING A MULTI-MODE SEGMENTED DISPLAY; Richard C. Casey, et al., 345/115; 340/825.26 [IMAGE AVAILABLE]

8. 3,742,482, Jun. 26, 1973, METHOD AND APPARATUS FOR GENERATING A TRAVELING DISPLAY; Francis W. Albrecht, et al. 345/124; 340/825.26; 345/25, 28 [IMAGE AVAILABLE]

9. 3,742,288, Jun. 26, 1973, RASTER CONTROL DEVICE FOR CONTROLLING THE POSITIONING OF THE RASTER AT THE BEGINNING OF EACH NEW LINE; Francis E. Albrecht, et al., 315/393; 345/121 [IMAGE AVAILABLE]

10. 3,651,511, Mar. 21, 1972, TRAVELING MESSAGE DISPLAY; Russell W. Andrews, et al. 345/148; 340/825.26 [IMAGE AVAILABLE]

11. 3,623,070, Nov. 23, 1971, TRAVELING-MESSAGE DISPLAY SYSTEM; Ronald W. Johnson, et al., 345/56; 340/825.26; 377/129 [IMAGE AVAILABLE]

12. 3,569,936, Mar. 9, 1971, VISUAL INDICATOR PULSE SUPPLY APPARATUS; Ronald W. Johnson, 340/825.57 [IMAGE AVAILABLE]

```
=> s financila display?

          0 FINANCILA
     289378 DISPLAY?
L3        0 FINANCILA DISPLAY?
             (FINANCILA(W)DISPLAY?)

=> s financial display?

       7414 FINANCIAL
     289378 DISPLAY?
L4        0 FINANCIAL DISPLAY?
             (FINANCIAL(W)DISPLAY?)
```

```
=> s display?  (6w)(stock ticker# or stock symbol# or stock price#)

           288705 DISPLAY?
            98886 STOCK
              208 TICKER#
               41 STOCK TICKER#
                    (STOCK(W)TICKER#)
            98886 STOCK
           104844 SYMBOL#
               18 STOCK SYMBOL#
                    (STOCK(W)SYMBOL#)
            98886 STOCK
            52390 PRICE#
              219 STOCK PRICE#
                    (STOCK(W)PRICE#)
L5            23 DISPLAY?  (6W)(STOCK TICKER# OR STOCK SYMBOL# OR STOCK
                  PRICE#)

=> d 1-23


L5    ANSWER 1 OF 23   USPATFULL
AN       1998:140331   USPATFULL
TI       Method for preserving and reusing software objects associated with
         web pages
IN       Brim, David Neal, Custer, WA, United States
PA       Wall Data Incorporated, Kirkland, WA, United States (U.S.
         corporation)
PI       US 5835914   981110
AI       US 97-800545   970218 (8)
DT       Utility
LN.CNT 781
INCL     INCLM: 707/206.000
         INCLS: 707/002.000; 707/003.000; 707/006.000; 707/010.000;
                707/513.000; 707/104.000; 395/712.000; 395/200.330
NCL      NCLM:  707/206.000
         NCLS:  707/002.000; 707/003.000; 707/006.000; 707/010.000;
                707/513.000; 707/104.000; 395/712.000; 395/200.330
IC       [6]
         ICM: G06F017-30
EXF      395/712; 395/200.33; 395/200.49; 395/200.23; 707/206; 707/513;
         707/501; 707/1; 707/6; 707/2; 707/4; 707/10; 707/103; 707/104;
         707/3

L5    ANSWER 2 OF 23   USPATFULL
AN       1998:139551   USPATFULL
TI       Interactive system for a closed cable network which includes
         facsimiles and voice mail on a display
IN       Lewis, Scott W., San Jose, CA, United States
PA       Multimedia Systems Corporation, San Jose, CA, United States (U.S.
         corporation)
PI       US 5835126   981110
AI       US 96-616562   960315 (8)
DT       Utility
LN.CNT 1388
INCL     INCLM: 348/008.000
         INCLS: 348/006.000; 455/006.300; 379/100.120; 379/101.010
NCL      NCLM:  348/008.000
         NCLS:  348/006.000; 455/006.300; 379/100.120; 379/101.010
```

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IC      [6]
        ICM: H04N007 _6
EXF     348/6; 348/7; 348/8; 348/9; 348/10; 348/11; 348/12; 348/13;
        348/14; 348/15; 348/16; 348/17; 348/18; 455/3.1; 455/4.1; 455/4.2;
        455/5.1; 455/6.1; 455/6.2; 455/6.3; H04N007-16;  7173; <379
        156-;157;100.12;100.01;100.08;100.09;100.11;101.01;100;67;88;89


L5      ANSWER 3 OF 23  USPATFULL
AN      1998:123657  USPATFULL
TI      Internet enhanced video system
IN      Maa, Chia-Yiu, 16220 SW. Colleen Ct., Beaverton, OR, United States
        97007
PI      US 5818935  981006
AI      US 97-814286  970310 (8)
DT      Utility
LN.CNT  1231
INCL    INCLM: 380/020.000
        INCLS: 348/467.000
NCL     NCLM:  380/020.000
        NCLS:  348/467.000
IC      [6]
        ICM: H04N007-167
        ICS: H04N007-00
EXF     380/20; 348/461-468


L5      ANSWER 4 OF 23  USPATFULL
AN      1998:80535  USPATFULL
TI      Market information machine
IN      Kolton, Anthony D., Chicago, IL, United States
        Gamboa, Ruben A., Austin, TX, United States
        Chimenti, Danette S., Austin, TX, United States
PA      Logical Information Machines, Inc., Chicago, IL, United States
        (U.S. corporation)
PI      US 5778357  980707
AI      US 96-777123  961230 (8)
RLI     Continuation of Ser. No. US 95-392612, filed on 22 Feb 1995, now
        patented, Pat. No. US 5590325 which is a continuation of Ser. No.
        US 91-713359, filed on 11 Jun 1991, now abandoned
DT      Utility
LN.CNT  889
INCL    INCLM: 707/002.000
        INCLS: 707/004.000; 707/006.000; 707/104.000
NCL     NCLM:  707/002.000
        NCLS:  707/004.000; 707/006.000; 707/104.000
IC      [6]
        ICM: G06F017-30
EXF     395/601; 395/602; 395/603; 395/606; 395/615; 395/237; 707/2;
        707/4; 707/6; 707/104


L5      ANSWER 5 OF 23  USPATFULL
AN      1998:76473  USPATFULL
TI      Human factored interface incorporating adaptive pattern
        recognition based controller apparatus
IN      Hoffberg, Steven M., 29 Buckout Rd., West Harrison, NY, United
        States  10604
        Hoffberg-Borghesani, Linda I., 40 Jackson Dr., Acton, MA, United
        States  01720
PI      US 5774357  980630
AI      US 95-471215  950606 (8)
RLI     Continuation of Ser. No. US 91-812805, filed on 23 Dec 1991
DT      Utility
LN.CNT  7695
INCL    INCLM: 364/188.000
        INCLS: 395/559.000; 395/595.000; 395/587.000; 348/110.000;
               348/026.000; 348/734.000
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NCL     NCLM:   364/   ●  000
        NCLS:   348/0.   000; 348/110.000; 348/734.000;   ●  5/559.000;
                395/587.000; 395/595.000
IC      [6]
        ICM: G05B009-02
EXF     364/188; 358/142; 340/706; 356/335; 395/559; 395/595; 395/587;
        395/552; 348/110; 348/27; 348/734; 345/195; 326/36; 386/83;
        370/384


L5   ANSWER 6 OF 23   USPATFULL
AN      1998:40916  USPATFULL
TI      Information and advertising distribution system and method
IN      Reilly, James P., San Francisco, CA, United States
        Hassett, Gregory P., Cupertino, CA, United States
PA      PointCast, Inc., Sunnyvale, CA, United States (U.S. corporation)
PI      US 5740549  980414
AI      US 95-489591  950612 (8)
DT      Utility
LN.CNT 1242
INCL    INCLM: 705/014.000
NCL     NCLM:  705/014.000
IC      [6]
        ICM: G06F017-60
EXF     395/214; 395/200.09; 395/200.11; 395/200.15; 395/602; 395/604;
        705/1; 705/14


L5   ANSWER 7 OF 23   USPATFULL
AN      97:50463  USPATFULL
TI      Interactive system for a closed cable network
IN      Lewis, Scott W., San Jose, CA, United States
PA      Multimedia Systems Corporation, San Jose, CA, United States (U.S.
        corporation)
PI      US 5638426  970610
AI      US 93-134099  931012 (8)
DT      Utility
LN.CNT 1240
INCL    INCLM: 379/090.000
        INCLS: 379/093.000; 348/013.000; 348/008.000
NCL     NCLM:  379/090.010
        NCLS:  348/008.000; 348/013.000; 379/093.020; 379/093.030;
               379/093.170; 379/093.310; 379/100.010
IC      [6]
        ICM: H04M011-00
EXF     379/90; 379/93; 379/94; 379/96; 379/98; 379/100; 379/91; 348/13;
        348/14; 348/6; 348/7; 348/8; 348/12; 455/3.1; 455/2; 455/4.1;
        455/4.2; 455/5.1; 455/6.1; 455/6.3


L5   ANSWER 8 OF 23   USPATFULL
AN      97:23168  USPATFULL
TI      Interactive system for a closed cable network
IN      Lewis, Scott W., Saratoga, CA, United States
PA      Multimedia Systems Corporation, San Jose, CA, United States (U.S.
        corporation)
PI      US 5612730  970318
AI      US 95-400245  950303 (8)
DT      Utility
LN.CNT 1284
INCL    INCLM: 348/008.000
        INCLS: 348/012.000; 348/013.000; 455/005.100; 455/006.300
NCL     NCLM:  348/008.000
        NCLS:  348/012.000; 348/013.000; 455/005.100; 455/006.300
IC      [6]
        ICM: H04N007-14
        ICS: H04N007-18; H04N007-00
EXF     348/6; 348/8; 348/12; 348/13; 348/14; 348/15; 348/3; 348/5;
```

L5   ANSWER 9 OF 23  USPATFULL
AN     96:121718  USPATFULL
TI     System for forming queries to a commodities trading database using analog indicators
IN     Kolton, Anthony D., Chicago, IL, United States
       Gamboa, Ruben A., Austin, TX, United States
       Chimenti, Danette S., Austin, TX, United States
PA    Logical Information Machines, Inc., Chicago, IL, United States (U.S. corporation)
PI     US 5590325  961231
AI     US 95-392612  950222 (8)
RLI   Continuation of Ser. No. US 91-713359, filed on 11 Jun 1991, now abandoned
DT    Utility
LN.CNT 944
INCL  INCLM: 395/615.000
       INCLS: 364/DIG.001; 364/282.100; 364/283.300; 395/210.000
NCL   NCLM:  707/104.000
       NCLS:  364/DIG.001; 364/282.100; 364/283.300; 705/010.000
IC     [6]
       ICM: G06F017-30
EXF   395/600; ; 364/408

L5   ANSWER 10 OF 23  USPATFULL
AN     96:11431  USPATFULL
TI     Television paging system
IN     Murray, Bradley A., West Palm Beach, FL, United States
PA    Motorola, Inc., Schaumburg, IL, United States (U.S. corporation)
PI     US 5489894  960206
AI     US 94-222497  940404 (8)
RLI   Continuation of Ser. No. US 92-995314, filed on 22 Dec 1992, now abandoned which is a continuation of Ser. No. US 91-726594, filed on 8 Jul 1991, now abandoned
DT    Utility
LN.CNT 428
INCL  INCLM: 340/825.440
       INCLS: 455/038.400; 455/066.000; 348/563.000; 348/723.000
NCL   NCLM:  340/825.440
       NCLS:  348/563.000; 348/723.000; 455/038.400; 455/066.000
IC     [6]
       ICM: G08B005-22
EXF   340/825.44; 455/38.1; 455/66; 455/38.4; 380/10; 380/11; 380/20; 348/563; 348/564; 348/723

L5   ANSWER 11 OF 23  USPATFULL
AN     96:9781  USPATFULL
TI     Interactive system for a closed cable network
IN     Lewis, Scott W., Saratoga, CA, United States
PA    Multimedia Systems Corporation, San Jose, CA, United States (U.S. corporation)
PI     US 5488411  960130
AI     US 94-212353  940314 (8)
DT    Utility
LN.CNT 1205
INCL  INCLM: 348/008.000
       INCLS: 348/006.000; 455/006.300
NCL   NCLM:  348/008.000
       NCLS:  348/006.000; 455/006.300
IC     [6]
       ICM: H04N007-173
EXF   348/6; 348/8; 348/12; 348/13; 348/3; 348/5; 348/14; 348/15; 455/5.1; 455/6.1; 455/6.3; 358/86; 358/85; H04N007-16; <H04 N00-7173; <H04 N00-714; <H04 N00-715

AN     95:85263  USPATFULL
TI     Radio communication receiving device detecting a frequency
       modulation preamble signal
IN     Tanaka, Kiyoshi, Chiba, Japan
PA     Uniden Corporation, Ichikawa, Japan (non-U.S. corporation)
PI     US 5452472  950919
AI     US 93-86857  930707 (8)
PRAI   JP 92-245969  920824
DT     Utility
LN.CNT 784
INCL   INCLM: 455/038.200
       INCLS: 455/205.000; 455/343.000; 340/311.100; 340/825.440
NCL    NCLM:  455/038.200
       NCLS:  340/311.100; 340/825.440; 455/205.000; 455/343.000
IC     [6]
       ICM: H04B001-16
EXF    455/38.1; 455/38.2; 455/38.3; 455/343; 455/32.1; 455/228;
       455/67.1; 455/226.1; 455/227; 455/229; 455/205; 340/311.1;
       340/825.44

AN     95:45896  USPATFULL
TI     Method and apparatus for prioritizing deletion of received
       messages based on message source and message order
IN     Hosack, Nichola B., Coral Springs, FL, United States
       Cannon, Gregory L., Boynton Beach, FL, United States
       Robinson, Edward H., Delray Beach, FL, United States
       Hill, Richard A., Hollywood, FL, United States
       Mondrosch, Nancy E., Boynton Beach, FL, United States
       Macko, William J., West Palm Beach, FL, United States
PA     Motorola, Inc., Schaumburg, IL, United States (U.S. corporation)
PI     US 5418528  950523
AI     US 93-113132  930830 (8)
DT     Utility
LN.CNT 653
INCL   INCLM: 340/825.440
       INCLS: 340/825.220
NCL    NCLM:  340/825.440
       NCLS:  340/825.220
IC     [6]
       ICM: G08B005-22
EXF    340/825.44; 340/825.22; 340/825.51; 455/38.1; 455/38.4

AN     95:41769  USPATFULL
TI     System for extracting historical market information with condition
       and attributed windows
IN     Kolton, Anthony D., Chicago, IL, United States
       Gamboa, Ruben A., Austin, TX, United States
       Chimenti, Danette S., Austin, TX, United States
PA     Logical Information Machine, Chicago, IL, United States (U.S.
       corporation)
PI     US 5414838  950509
AI     US 92-897622  920611 (7)
RLI    Continuation-in-part of Ser. No. US 91-713359, filed on 11 Jun
       1991
DT     Utility
LN.CNT 1417
INCL   INCLM: 395/600.000
       INCLS: 364/DIG.001; 364/408.000; 364/282.100; 364/286.300;
              395/161.000
NCL    NCLM:  707/104.000
       NCLS:  364/DIG.001; 364/282.100; 364/286.300; 395/117.000;

```
IC     [6]
       ICM: G06F015-40
EXF    395/153; 395/159; 395/161; 395/600; 364/408


L5     ANSWER 15 OF 23  USPATFULL
AN       94:71668  USPATFULL
TI       Apparatus and method for creation of a user definable video
         displayed document showing changes in real time data
IN       Risberg, Jeffrey S., 3249 Morris Dr., Palo Alto, CA, United States
         94303
         Skeen, Marion D., 3826 Magnolia Dr., Palo Alto, CA, United States
         94306
PI       US 5339392  940816
AI       US 90-636044  901228  (7)
RLI      Continuation-in-part of Ser. No. US 90-632551, filed on 21 Dec
         1990 which is a continuation-in-part of Ser. No. US 90-601117,
         filed on 22 Oct 1990, now patented, Pat. No. US 5257369 which is a
         continuation-in-part of Ser. No. US 89-386584, filed on 27 Jul
         1989, now patented, Pat. No. US 5187787
DT     Utility
LN.CNT 7121
INCL   INCLM: 395/161.000
       INCLS: 395/155.000; 364/408.000
NCL    NCLM:  345/333.000
       NCLS:  345/334.000; 707/501.000
IC     [5]
       ICM: G06F015-62
       ICS: G06F015-16
EXF    364/144-149; 364/155; 364/161; 364/408; 364/411; 364/412; 364/419;
       358/84


L5     ANSWER 16 OF 23  USPATFULL
AN       89:96091  USPATFULL
TI       Image display system
IN       Yatsunami, Kenroh, Yamatokoriyama, Japan
PA       Sharp Kabushiki Kaisha, Osaka, Japan (non-U.S. corporation)
PI       US 4884146  891128
AI       US 88-218991  880714 (7)
PRAI     JP 87-175201  870714
         JP 87-175202  870714
         JP 87-175203  870714
         JP 87-175204  870714
         JP 87-175205  870714
DT     Utility
LN.CNT 599
INCL   INCLM: 358/400.000
       INCLS: 358/486.000; 358/494.000
NCL    NCLM:  358/400.000
       NCLS:  358/486.000; 358/494.000
IC     [4]
       ICM: H04M001-00
EXF    358/256; 358/280; 358/293; 358/294


L5     ANSWER 17 OF 23  USPATFULL
AN       84:68011  USPATFULL
TI       Apparatus for receiving and displaying continuously updated data
IN       Parsons, Frederick G., Arlington, VA, United States
PA       Telemet American, Inc., Alexandria, VA, United States (U.S.
         corporation)
PI       US 4486853  841204
AI       US 81-249830  810401 (6)
DT     Utility
LN.CNT 2084
INCL   INCLM: 364/900.000
```

```
NCL     NCLM:  345/●●●.000
        NCLS:  364/DIG.001;  364/DIG.002;  364/918.000;  ō4/918.700;
               364/918.800;  364/927.000;  364/927.200;  364/928.000;
               364/929.000;  364/929.400;  364/932.800;  364/935.000;
               364/935.200;  364/942.800;  364/947.000;  364/947.200;
               364/949.710;  364/951.100;  364/951.300;  380/042.000;
               395/653.000;  705/037.000
IC      [3]
        ICM:  G06F007-00
EXF     235/454;  235/380;  235/381;  235/382;  371/49;  364/200;  364/900;
        340/825.26;  340/142;  179/2DP;  370/71


L5      ANSWER 18 OF 23   USPATFULL
AN      83:4410   USPATFULL
TI      Payment responsive data display network
IN      Fuerle, Gerard A., 4434 N. Third St., Philadelphia, PA, United
        States  19140
PI      US 4370649   830125
AI      US 81-265063   810519 (6)
DT      Utility
LN.CNT  473
INCL    INCLM:  340/825.350
        INCLS:  235/381.000;  179/002.000DP;  364/408.000;  340/825.270
NCL     NCLM:  379/093.250
        NCLS:  235/381.000;  340/825.270;  340/825.350;  379/093.120;
               705/039.000
IC      [3]
        ICM:  H04Q009-00
EXF     179/2DP;  179/6.3R;  364/408;  364/410;  364/412;  340/825.26;
        340/825.27;  340/825.35;  235/381


L5      ANSWER 19 OF 23   USPATFULL
AN      82:60037   USPATFULL
TI      Electronic stock market terminal game
IN      Chodak, Jan B., Rancho Palos Verdes, CA, United States
        Tran, Luan G., Redondo Beach, CA, United States
PA      Mattel, Inc., Hawthorne, CA, United States (U.S. corporation)
PI      US 4363489   821214
AI      US 80-197882   801017 (6)
DT      Utility
LN.CNT  1613
INCL    INCLM:  273/237.000
NCL     NCLM:  273/237.000
IC      [3]
        ICM:  A63F003-00
        ICS:  A63F009-00
EXF     273/1E;  273/148R;  273/237;  273/256;  273/278;  273/DIG.28;  434/107;
        364/410


L5      ANSWER 20 OF 23   USPATFULL
AN      77:2023   USPATFULL
TI      Stock market investment game
IN      Biggs, Fred Conner, 751 Rosecrans St., San Diego, CA, United
        States  92106
PI      US 4002342   770111
AI      US 76-649212   760115 (5)
DT      Utility
LN.CNT  290
INCL    INCLM:  273/134.000AE
        INCLS:  273/134.000AF;  273/134.000D;  273/134.000G
NCL     NCLM:  273/239.000
        NCLS:  273/256.000;  273/280.000
IC      [2]
        ICM:  A63F003-00
EXF     273/134
```

```
L5    ANSWER 21 OF __  USPATFULL
AN      74:16490  USPATFULL
TI      SYSTEM FOR PROVIDING A VIDEO DISPLAY HAVING DIFFERING VIDEO
        DISPLAY FORMATS
IN      Coombe, Thomas R., Berlin, NJ, United States
PA      Reuters Limited, London, England (non-U.S. corporation)
PI      US 3801961  740402
AI      US 71-145858  710521 (5)
DT      Utility
LN.CNT 2139
INCL    INCLM: 340/154.000
        INCLS: 340/324.000AD
NCL     NCLM:  345/023.000
        NCLS:  345/027.000
IC      [1]
        ICM: G06F003-14
EXF     340/324A; 340/154


L5    ANSWER 22 OF 23  USPATFULL
AN      72:19150  USPATFULL
TI      DATA HANDLING APPARATUS
IN      Belcher, Richmond D., Thornwood, NY, United States
        Duggan, Robert J., Bronx, NY, United States
        Ellis, George R., Trumbull, CT, United States
        Esslinger, Robert H., Wilton, CT, United States
        Goodyear, W. Frederick, Westport, CT, United States
        Marshall, Joseph C., Chappaqua, NY, United States
        Masone, Thomas R., Stamford, CT, United States
PA      The Bunker-Ramo Corporation, Oak Brook, IL, United States
PI      US 3656148  720411
AI      US 69-839099  690225 (4)
RLI     Division of Ser. No. US 65-460117, filed on 1 Jun 1965, now
        patented, Pat. No. US 3500327 Continuation-in-part of Ser. No. US
        64-370323, filed on 26 May 1964, now abandoned
DT      Utility
LN.CNT 1609
INCL    INCLM: 340/324.000A
        INCLS: 340/154.000
NCL     NCLM:  345/002.000
        NCLS:  340/825.270; 345/012.000; 345/026.000; 345/141.000
IC      [1]
        ICM: G06F003-14
EXF     340/324A; 340/334; 340/154; 340/152; 340/146.3; 178/15


L5    ANSWER 23 OF 23  USPATFULL
AN      71:19128  USPATFULL
TI      SOLENOID CONTROLLED VALVE AND ARMATURE WITH ADJUSTABLE BIAS
IN      Haolloman, Charles J., Stamford, CT, United States
PA      Trans-lux Corporation, New York, NY, United States
PI      US 3589672  710629
AI      US 69-834568  690218 (4)
RLI     Division of Ser. No. US 66-600900, filed on 12 Dec 1966, now
        patented, Pat. No. US 3482344
DT      Utility
LN.CNT 643
INCL    INCLM: 251/129.000
        INCLS: 251/137.000
NCL     NCLM:  251/129.160
IC      [1]
        ICM: F16K031-06
EXF     251/129; 251/299; 251/137
```

=> s 130 and ticker   # 1   5,339,392

197 TICKER   Clm 10 + ?

L32   1 L30 AND TICKER

=> d kwic

US PAT NO:   **5,339,392** [IMAGE AVAILABLE]   L32: 1 of 1

SUMMARY:

BSUM(6)

An . . . displays of real time data in user definable style, e.g., color, font, background, pen size etc. and format, e.g., quote, **ticker**, graph etc., alarms, and alarm scripts, i.e., user defined scripts of commands to be processed (much like a word processing. . .

SUMMARY:

BSUM(8)

The . . . to information from any source including other programs running on the same host 0 or somewhere else on the network, **ticker** plants, information services or databases. In the preferred embodiment, the program can support data feeds from Reuters Market Feed 2000/IDN, Telekurs **Ticker**, CMQ Telerate MarketFeed, Canquote, and Quotron. In addition, the program (known commercially as the MarketSheet.TM. facility or program) can accept. . .

SUMMARY:

BSUM(9)

In . . . user. For example, a brief style displays only the price where a comprehensive style displays all the available fields. A **ticker** tool can be used as a selective or block **ticker**, and can show data in any display style. Upticks and Downticks can be shown in color and volume information can. . .

DETDESC:

DETD(7)

The middle of the display also shows an instance 20 of a **ticker** class Active Object showing all trades in a specified set of issues that exceed a minimum volume set by the user. This particular criteria for display was programmed by the user using the **ticker** tool represented by icon 19.

DETDESC:

DETD(10)

"Active . . . displays of real time data in user definable style, e.g., color, font, background, pen size etc. and format, e.g., quote,

ticker, graph etc alarms, and alarm scripts, i.e user defined
scripts of commands to be processed (much like a word processing. . .

DETDESC:

DETD(27)

The **ticker** tool is a continuously shifting display of trades in a
specified list of issues. In addition to attributes, the dialog box for a
**ticker** displays the current list of securities being tracked and some
commands for manipulating the list. The dialog box is used to change or
add to the securities on the list. The **ticker** attributes are:

DETDESC:

DETD(29)

Adds . . . is completed with a mouse click on the OK button. Another
subscription can be entered with another click on the **Ticker** icon 19.

DETDESC:

DETD(35)

Replaces the current **ticker** list with a copy of the one from another
**ticker**. A dialog box will pop up requesting the name of the source
**ticker**.

DETDESC:

DETD(37)

Like Copy From but adds to the current **ticker** list instead of
replacing it.

DETDESC:

DETD(42)
The subscription entry dialog for the **ticker** tool is as follows:

DETDESC:

DETD(45)

**Ticker** Style (list)

DETDESC:

DETD(46)

Used to select the display format for trades or updates to the
**ticker** subscription instance. There are generally several styles,
similar to those defined for the Quote object. The styles are generally
different. . .

DETDESC:

DETD(51)

Composite . . . can be created simply by entering for the symbol a
period followed by the name of the exchange code. The **ticker** object
will then show every update reported by the feed on that exchange.

DETDESC:

DETD(52)

The **ticker** object will show new data each time it receives an update from the data feed which includes either a new. . . appear when there is a change of the bid price, ask price, or the volume field. In this way, the **ticker** can handle information from source which do not have the standard field, such as output from the Shredder, an application. .
.

DETDESC:

DETD(217)

Referring . . . is usually the data returned after a request generated by the creation of an Active Object such as a quote, **ticker**, graph etc.

DETDESC:

DETD(234)

The . . . from the Teknekron Information Bus.TM. (TIB.RTM.) component, a powerful suite of communication protocols that separate information sources, like MarketFeed 2, **Ticker** III, or Telerate TDPF from information consumers, like the MARKETSHEET.RTM. software or Teknekron's Real Time Spreadsheet. This means the user. . .

DETDESC:

DETD(254)

Each Quote and **Ticker** object uses a display style to format its output. These display styles indicate which fields to show (symbol, price, bid,. . .

DETDESC:

DETD(265)

**Ticker**

DETDESC:

DETD(266)

Tickers . . . scroll as the subjects change in real-time. The user can specify the securities and exchanges to be included in the **ticker** and set volume thresholds.

DETDESC:

DETD(293)

The . . . detail) and a fragment of the Reuters WRLD page. Near the bottom of the sheet are a button and a **ticker**.

DETDESC:

DETD(431)

The . . . entered, all selected objects will be renamed. Another use of the Name command is to assign a name to a **ticker** so that its selection list can be copied when defining other tickers.

DETDESC:

. . .

```
PublisherP.h
Quote.c
Quote.h
QuoteP.h
Reader.c
Subscription.c
Subscription.h
SubscriptionP.h
TBAxis.c
TBAxis.h
TBAxisP.h
TBGraphData.c
TBGraphData.h
TBGraphDataP.h
TBGraphView.c
TBGraphView.h
TBGraphViewP.h
Table.c
Table.h
TableP.h
Ticker.c
Ticker.h
TickerP.h
TimeGrid.c
TimeGrid.h
TimeGridP.h
bits.arrow
bits.button
bits.clone
bits.dsgraph
bits.fragment
bits.global
bits.grid
bits.label
bits.publisher
bits.quote
bits.table
bits.tbgraph
bits.ticker
bricks.bits
button.c
dsgraph.c
files.c
fragment.c
global.c
items.c
label.c
menus.c
mondrian.bits
meney.bits
ms.h
ms23.c
msDefaults.cf
msEmpty.cf
msNTIB .RTM..cf
page.h
pagehandler.c
pagemap.c
pagemap.h
publisher.c
quote.c
script.c
```

```
sheets.c
stylemap.c
stylemap.h
table.c
tbgraph.c
TIB .RTM..c
TIB .RTM..h
ticker.c
time.c
Makefile for Second Phase (using GNUmake program):
objects =
        Reader.o Manager.o PlaneMgr.o TimeGrid.o
        CharGrid.o Box.o Button.o
        TIB .RTM..o time.o menus.o sheets.o items.o tools.o
        files.o
        script.o stylemap.o label.o Subscription o.
        Quote.o quote.o
        Ticker.o ticker.o pagemap.o pagehandler.o
        Fragment.o fragment.o
        TBAxig.o TBGraphView.o TBGraphData.o
        tbgraph.o DSAxig.o
        DSGraphView.o
        DSGraphData.o dsgraph.o Publisher.o
publisher.o
.   .   .
```

DETDESC:

DETD(630)

 Subject .   .   .   need for programming changes when something else
changes like changes in the service providers, e.g., a change from IDN to
**Ticker** 3 for equity prices. All data is provided through a single,
uniform interface to client applications. A programmer writing a.   .   .

DETDESC:

DETD(820)

 The .   .   .   at the service level. Also, it insulates the program from
changes in service providers (e.g., a switch from IDN to **Ticker** 3 for
equity prices). Second, the SASS presents all data through a simple
uniform interface: a programmer needing information supplied.   .   .

DETDESC:

DETD(1193)

 The .   .   .   by block 900 where a composition command is issued to
create a display object such as a quote object, a **ticker** etc. While
the discussion herein assumes that the display object being created is a
quote object, the process described herein.   .   .

DETDESC:

DETD(1209)

 Referring .   .   .   is represented to the user as a displayed object
within his or her "living document", e.g., a quote object or **ticker**
object. The update may the latest price of the particular stock, bond
etc. or some other real time aspect of.   .   .

*Claim 8*

US PAT NO:      **5,339,392** [IMAGE AVAILABLE]          L31: 1 of 1

SUMMARY:

BSUM(7)

The . . . a sheet to display a particular display object is not
critical to the invention. A mouse, trackball, digitizer, keyboard, voice
**processor** and map coordinate system, touchscreen, or any other
present or future device may be used such as a thought **processor**.

DETDESC:

DETD(205)

A script **processor** 86 interprets the commands of scripts entered by
a user defining the desired processing to be performed in the case.   .    .
a button or a real time data update which exceeds an alarm limit
programmed by the user. Basically, the script **processor** handles
requests to process scripts generated by the instances of the Active
Objects programmed onto the various Sheets by the.   .   .

DETDESC:

DETD(213)

The Active Object 100 tells the Display Object 106 what Style Map to
use. Then a style **processor** (not shown) in 25 and the Display Object
do the work of extracting the proper data from the Data Object.   .   .   be
displayed for this Active Object in the location on the current Sheet
specified by the user and a style **processor**. This internal
representation is sent to the screen rendering system by the style
**processor** to actually draw the display seen by the user. The style
**processor** is actually implemented in a library and the Display Object
106 contains a pointer to this library and receives a pointer to the
style map 104 such that the Data Object can be processed by the style
**processor** library programs in 5 accordance with the style map.

DETDESC:

DETD(214)

The . . . document on the network, etc. The commands in the scripting
language generally include all the commands understood by the script
**processor** as well as commands defined by the user and can, in some
embodiments, include commands to the operating system, the high level
network interface or other processes running on the network. Generally
the commands understood by the script **processor** will include the name
of the object, the desired operation and an argument, i.e., what value to
set etc.

DETDESC:

DETD(216)

Referring to FIG. 8, there is shown a flow chart of the processing
performed by the style **processor** for each) Active Object upon the

occurrence of a ● 1 update event. A data update ● at, represented at
112 causes the style **processor** in the Display Object 106 in step 114
to extract the values from the user specified fields from Data Object. .
. to the screen rendering system to render the Display Object 106 in the
preferred embodiment. In other embodiments, the style **processor**
itself can send the commands to the screen rendering system.

DETDESC:

DETD(217)

 Referring . . . the left are shown symbols for some of the input
event generators. User events can be generated using a voice
**processor** 124, a keyboard 126, a mouse 128, or a touchscreen 130 or
any other user manipulated device. Other input events. . .

DETDESC:

DETD(222)

 Some . . . a case, the local dispatcher of the Active Object making
the transition into the alert state will invoke a script **processor**
154 and send the user specified script for the appropriate alarm event to
the script **processor**. The script **processor** then processes the
script to carry out the commands specified in the script in the order
specified in the script. If one of the commands in the script is to
change a color or a font, the script **processor** will call the style
map of the Active Object specified in the script (it may be different
than the Active. . . processing) and update the style map of that
Active Object. If the script calls for publishing some data, the style
**processor** calls the high level network interface 90, invokes a
publish function and sends the appropriate data to be published on. . .
through an operating system call 158, and can invoke other applications
160 running in the same environment. Further, the script **processor**
may also cause; the other application to perform some function and may
even cause the other application to access the. . .

DETDESC:

DETD(224)

 The script **processor** 154 may also be called by the menu objects 56
or the dialogue boxes 60. This allows the; user to. . .

DETDESC:

DETD(513)

 Each of the host **processors** 210 and 212 is also programmed with a
library of programs, which together comprise the communication interfaces
220 and 222,. . .

DETDESC:

DETD(598)

 Referring . . . is linked to the network 214 and to the communication
library 230A. There is typically one communication daemon per host
**processor**. This host **processor** is shown at 430 in FIG. 35 but is
not shown at all in FIG. 36. Note that in FIG.. . . 35, unlike the
situation in FIG. 21, the client applications 216 and 218 are both
running on the same host **processor** 430. Each client application is
linked to its own copies of the various library programs in the
communication libraries 230A. . .

DETDESC:

DETD(599)

 The communication daemons on the various host **processors** cooperate
among themselves to insure reliable, efficient communication between
machines. For subject addressed data, the daemons assist in its
efficient.  .   .

DETDESC:

DETD(608)

 The .   .   . or service instances filter the data by subject before it
is placed in the network thereby conserving network bandwidth,
input/output **processor** bandwidth and overhead processing at the
receiving ends of communication links.

DETDESC:

DETD(615)

 The .   .   . protocol is that it can switch dynamically from
point-to-point transmission to broadcast transmission in order to
optimize the network and **processor** load. The switch from
point-to-point to broadcast (and vice-versa) is transparent to.
higher-level protocols. This transport protocol allows the support.   .   .

DETDESC:

DETD(624)

 Network .   .   . 230B in FIG. 35. The intelligent multicast protocol
makes the most efficient use of limited resources of network and I/O
**processor** bandwidth by performing automatic, dynamic switch over from
point to point communication protocols to broadcast protocols when
necessary. For example,.   .   .

DETDESC:

DETD(783)

 The .   .   . linked with each application, and a back end TIB.RTM.
communication daemon process, for which there is typically one per host
**processor**. Note that this functional split between TIB.RTM. library
and TIB.RTM. daemon is completely transparent to the application. In
fact, the.   .   .

DETDESC:

DETD(801)

 The .   .   . intelligent multicast protocol implemented in the DCC. This
protocol attempts to optimize the limited resources of both network
bandwidth and **processor** I/O bandwidth by providing automatic, dynamic
switchover from point-to-point communication protocols to broadcast
protocols. For example, the protocol may provide.   .   .

DETDESC:

DETD(818)

 Support .   .   . interest to any application can simply be discarded
prior to placing in on the network; thereby, conserving network bandwidth
and **processor** I/O bandwidth.

DETDESC:

DETD(842)

The . . . protocol is that it can dynamically switch from point-to-point transmission to broadcast transmission in order to optimize the network and **processor** load. The switch from point-to-point to broadcast (and vice versa) is transparent to higher-level protocols. This protocol admits the support. . .

CLAIMS:

CLMS(35)

35. The apparatus of claim 34 wherein said program in execution includes a script **processor** program which causes said computer to execute a script comprised of a series of commands selected by said user when. .

```
========================================================================
*                                                                      *
*    Cover Sheet                                                       *
*                                                                      *
========================================================================


     ***  RE:08736149  ***


------------------------------------------------------------------------
*                                                                      *
*    Prepared for: Anthony Blackman                                    *
*                                                                      *
*    By         : Nancy Matthes                                        *
*                                                                      *
*    Date       : November 25, 1998                                   *
*                                                                      *
------------------------------------------------------------------------
Here are the results of your search. If you would like me to try another
strategy, please let me know.

Thank you
Nancy
306-4515
```

```
File    8:Ei Compendex(R) 1970-1998/Dec W2
          (c) 1998 Engineering Info. Inc.
File   77:Conference Papers Index 1973-1998/Nov
          (c) 1998 Cambridge Sci Abs
File  238:Abs. in New Tech & Eng. 1981-1998/Oct
          (c) 1998 Reed-Elsevier (UK) Ltd.
File   35:Dissertation Abstracts Online 1861-1998/Nov
          (c) 1998 UMI
File   65:Inside Conferences 1993-1998/Nov W4
          (c) 1998 BLDSC all rts. reserv.
File    2:INSPEC 1969-1998/Nov W5
          (c) 1998 Institution of Electrical Engineers
File  233:Microcomputer Abstracts 1974-1998/Nov
          (c) 1998 Information Today Incl.
File    6:NTIS 64-1998/Dec W3
          Comp&distr 1998 NTIS, Intl Copyright All Righ
File  144:Pascal 1973-1998/Oct
          (c) 1998 INIST/CNRS
File  434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
          (c) 1998 Inst for Sci Info
File   34:SciSearch(R) Cited Ref Sci 1990-1998/Nov W3
          (c) 1998 Inst for Sci Info
File  111:Natl.Newspaper Index(SM) 1979-1998/Nov 24
          (c) 1998 Info. Access Co.
File  475:Wall Street Journal Abs 1973-1998/Nov 23
          (c) 1998 The New York Times
File  481:Delphes Eur Bus 80-1998/NOV W2
          (c) 1998 ACFCI & Chambre Comm Ind Paris
File  474:New York Times Abs 1969-1998/Nov 23
          (c) 1998 The New York Times
```

| Set | Items | Description |
|-----|-------|-------------|
| S1 | 5723 | ((TICKER OR TRADING OR STOCK)(2N)(SYMBOL? ?)) OR TRADE()IN- FORMATION? |
| S2 | 140100 | LOGO? ? OR ENSIGNIA? ? OR SYMBOL? ? OR LABEL? ? OR EMBLEM? ? |
| S3 | 15973 | (MANY OR MULTIPLE OR PLURAL OR SEVERAL OR NUMEROUS OR MULT- ITUDE)(5N)(MONITOR? ? OR SCREEN? ? OR VIDEO? ? OR DISPLAY? ?) |
| S4 | 1454 | (VIDEO? ? OR MONITOR? ? OR MEDIA? ?)(2N)WALL? ? |
| S5 | 219453 | (FINANCIAL OR STOCK)(2N)(DATA OR EXCHANGE? ? OR MARKET? ? - OR TICKER? ? OR SYMBOL? ? OR INFORMATION?) |
| S6 | 224610 | S1 OR S5 |
| S7 | 1561 | S6 AND S2 |
| S8 | 0 | S7 AND (S3 OR S4) |
| S9 | 95 | S6 AND LOGO? ? |
| S10 | 3 | S6(10N)LOGO? ? |
| S11 | 8955 | S2 NOT (LABEL? OR SYMBOL?) |
| S12 | 29 | S11(20N)(GRAPHIC?)(2N)(SYMBOL? OR DISPLAY?) |
| S13 | 1 | S12 AND (S3 OR S4) |
| S14 | 0 | S1 AND S11 AND S4 |
| S15 | 94 | S5 AND S11 |
| S16 | 0 | S12 AND S6 |
| S17 | 0 | S15 AND S1 |
| S18 | 3332 | S11/TI |
| S19 | 16 | S18 AND S5 |

File    15:ABI/INFORM(R) 1971-1998/Nov 23
          (c) 1998 UMI
File     9:Business & Industry(R) Jul 1994-1998/Nov 24
          (c) 1998 Resp. DB Svcs.
File   647:CMP  Computer Fulltext 1988-1998/Nov W1
          (c) 1998 CMP
File   674:Computer News Fulltext 1989-1998/Nov W4
          (c) 1998 IDG Communications
File   275:IAC(SM) Computer Database(TM) 1983-1998/Nov 24
          (c) 1998 Info Access Co
File    47:Magazine Database(TM) 1959-1998/Nov 24
          (c) 1998 Information Access Co.
File    16:IAC PROMT(R) 1972-1998/Nov 24
          (c) 1998 Information Access Co.
File   148:IAC Trade & Industry Database 1976-1998/Nov 24
          (c) 1998 Info Access Co
File   624:McGraw-Hill Publications 1985-1998/Nov 18
          (c) 1998 McGraw-Hill Co. Inc
File   696:DIALOG Telecom. Newsletters 1995-1998/Nov 24
          (c) 1998 The Dialog Corp.
File   370:Science 1996-1998/Oct W1
          (c) 1998 AAAS
File   583:IAC Globalbase(TM) 1986-1998/Nov W4
          (c) 1998 Information Access Co.
File   621:IAC New Prod.Annou.(R) 1985-1998/Nov 24
          (c) 1998 Information Access Co
File   635:Business Dateline(R) 1985-1998/Nov 23
          (c) 1998 UMI
File   610:Business Wire 1986-1998/Nov 24
          (c) 1998 Business Wire
File   553:Wilson Bus. Abs. FullText 1982-1998/Oct
          (c) 1998 The HW Wilson Co
File   609:Bridge World Markets News 1989-1998/Nov 24
          (c) 1998 Bridge

| Set | Items | Description |
|-----|-------|-------------|
| S1 | 97750 | ((TICKER OR TRADING OR STOCK)(2N)(SYMBOL? ?)) OR TRADE()IN-FORMATION? |
| S2 | 1128871 | LOGO? ? OR ENSIGNIA? ? OR SYMBOL? ? OR LABEL? ? OR EMBLEM? ? |
| S3 | 108555 | (MANY OR MULTIPLE OR PLURAL OR SEVERAL OR NUMEROUS OR MULT-ITUDE)(5N)(MONITOR? ? OR SCREEN? ? OR VIDEO? ? OR DISPLAY? ?) |
| S4 | 5872 | (VIDEO? ? OR MONITOR? ? OR MEDIA? ?)(2N)WALL? ? |
| S5 | 1657294 | (FINANCIAL OR STOCK)(2N)(DATA OR EXCHANGE? ? OR MARKET? ? - OR TICKER? ? OR SYMBOL? ? OR INFORMATION?) |
| S6 | 1697142 | S1 OR S5 |
| S7 | 169839 | S6(10N)S2 |
| S8 | 312 | S7 NOT (LABEL? OR SYMBOL?) |
| S9 | 0 | S8(30N)(S3 OR S4) |
| S10 | 0 | S8(50N)(S3 OR S4) |
| S11 | 7 | S8 AND (S3 OR S4) |
| S12 | 0 | S8(50N)(GRAPHIC?)(2N)(SYMBOL? OR DISPLAY?) |
| S13 | 0 | S8 AND (GRAPHIC?)(2N)(SYMBOL? OR DISPLAY?) |
| S14 | 1016 | S6(S)(S3 OR S4) |
| S15 | 117 | S6(S)S4 |
| S16 | 0 | S15 AND S8 |
| S17 | 11 | S15(S)GRAPHIC? |
| S18 | 826 | S6(10N)LOGO? ? |
| S19 | 1 | S18(10N)SCROLL? |
| S20 | 1 | S19 NOT S17 |
| S21 | 121 | S6(5N)(S3 OR S4) |
| S22 | 0 | S21(10N)LOGO? ? |

*Fulltext*

01498335                              01-49323
**The great wall wars**
Sales, Robert
Wall Street & Technology  Product Digest Supplement  PP: 24-27  Fall 1997
ISSN: 1060-989X  JRNL CODE: WSC
AVAILABILITY: Fulltext online. Photocopy available from ABI/INFORM 15851.00
WORD COUNT: 1889

...ABSTRACT: Trans-Lux Corp. has clearly established itself as the dominant
vendor of price displays at **exchanges** , other **financial** institutions -
such as brokerage houses and banks - are increasingly considering
alternatives to LED technology. Imtech Corp. has made a big splash in the
 **financial** services **market** earlier in 1997 when it unveiled MarketSite -
a giant **video** **wall** display it built for Nasdaq. One capability that
Imtech has - and which Trans-Lux is...

... picture wall technology, Trans-Lux can deliver news headlines, special
internal messages and charting and **graphic** capability - but the vendor
has yet to master the ability to deliver full motion video.

01829072 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**brand builders: Bright Board, Big Logos**
**(The Nasdaq Stock Market develops a catchy big board, MarketSite, with**
 **bright colors and big logos, making it more accessible)**
Brandweek, v 38, n 19, p 22+
May 12, 1997
DOCUMENT TYPE: Journal  ISSN: 1064-4318  (United States)
LANGUAGE: English  RECORD TYPE: Fulltext
WORD COUNT:  679

ABSTRACT:
The Nasdaq **Stock** **Market** has developed a catchy big board, MarketSite,
with bright colors and big logos, which makes....

...created a TV studio in its New York, NY, offices that includes a 55-ft
**wall** of **monitors** designed to provide a state-of-the-art setting for
broadcast financial news organizations. Both...

...developed so that actively traded stocks, for example, can be singled
out and displayed with **graphics** that show, via a color line-graph, the
hour by hour movement of the stock...

01014508                              53225445

**COMDEX Fall Exhibitor News Summary Through Nov. 16; Part Two of Four.**

Business Wire
Nov 17, 1998   WORD COUNT:  1020

...O with OLAP
Services; Company's Product Development Efforts to Bring Power of OLAP
to **Financial** Users

 **Data** General First to Guarantee 99.9% Uptime for Microsoft SQL Server

April 4, 1997, Friday

SECTION: Financial News

LENGTH: 437 words

HEADLINE: Attention Television News Directors/Business Reporters: NASDAQ VIDEO
NEWS RELEASE VIA SATELLITE

DATELINE: TITLE: NASDAQ LAUNCHES MARKETSITE -- Computer graphics clearly present
 stock market  activity...Innovative ticker displays familiar, easy to

   identify corporate  logos.
    TORONTO, April 4

 BODY:

    The innovative facility, a 55 foot by eleven foot installation of 100
monitors and 75 Pentium processors, is linked to real-time market  data  and

Software

| Set | Items | Description |
|-----|-------|-------------|
| S1 | 26 | ((TICKER OR TRADING OR STOCK)(2N)(SYMBOL? ?)) OR TRAD: FORMATION? |
| S2 | 3560 | LOGO? ? OR ENSIGNIA? ? OR SYMBOL? ? OR LABEL? ? OR EM ? |
| S3 | 1295 | (MANY OR MULTIPLE OR PLURAL OR SEVERAL OR NUMEROUS OI ITUDE)(5N)(MONITOR? ? OR SCREEN? ? OR VIDEO? ? OR DISPL: |
| S4 | 6 | (VIDEO? ? OR MONITOR? ? OR MEDIA? ?)(2N)WALL? ? |
| S5 | 1799 | (FINANCIAL OR STOCK)(2N)(DATA OR EXCHANGE? ? OR MARKET? ? - OR TICKER? ? OR SYMBOL? ? OR INFORMATION?) |
| S6 | 1811 | S1 OR S5 |
| S7 | 63 | S6 AND S2 |
| S8 | 23 | S7 NOT SYMBOL? |
| S9 | 6 | S8 NOT LABEL? ? |
| S10 | 19 | S6(50N)(GRAPHIC?)(2N)(SYMBOL? OR DISPLAY?) |
| S11 | 10 | RD S10 (unique items) |

11/3,K/2      (Item 1 from file: 256)

00108523          DOCUMENT TYPE:  Review

PRODUCT NAMES:  Unwired Planet   (711233)

TITLE:  Squeezing Web Data
AUTHOR:  Whelan, Carolyn
SOURCE: Electronic News,     v44 n2208  p46(2) Mar 2, 1998
ISSN: 1061-6624
HOMEPAGE:  http://www.interport.net/enews

RECORD TYPE:  Review
REVIEW TYPE:  Product Analysis
GRADE:  Product Analysis, No Rating

REVISION DATE:  980930

...service, corporate customers use Unwired's software to construct or
change Web pages with limited **graphics**  and text. The software pares down
information requested by a user, to eliminate unneeded **graphics**  and
content, and sends it on a regular basis to the user's phone. A
data-enabled phone can support bit-mapped **graphics**  or **display**  text
only, and this content is converted to between four and 10 lines of text
between 12 and 20 characters wide on the screen. Types of **information**
available include **stock** ‐quotes, traffic and weather reports, directories,
and movie and flight information. Among other functions, the...

...allows users to, for example, prioritize voice mail, because all
messages are listed on the **display** .  The technology operates like a
networked computer to split a browser and put a small...


11/3,K/3      (Item 2 from file: 256)

00104950          DOCUMENT TYPE:  Review

PRODUCT NAMES:  Microsoft Money Financial Suite Windows 95 & NT Beta
(673927); Quicken Suite 98 Windows 95 & NT Beta   (673935)

TITLE:  Don't Bank on This Financial Pair (Yet)
AUTHOR:  Patz, Joel T.
SOURCE: Windows Magazine,     v8 n12  p112(2) Dec 1997
ISSN: 1060-1066
HOMEPAGE:  http://www.winmag.com

RECORD TYPE:  Review
REVIEW TYPE:  Review
GRADE:  C

REVISION DATE:  980830

...chart. However, the Web link drastically impacts program performance.
Money also had trouble connecting to **stock   symbols** , while Quicken did
so easily, and returned likely matches to information entered in a query...
...and mutual fund price quotes, but Quicken only provides a week's worth.
Money's **graphical**  user interface (GUI) suffers from a simplistic main
menu, hides some often-performed tasks, and...


11/3,K/4      (Item 3 from file: 256)

00054053       DOCUMENT TYPE:  Review

PRODUCT NAMES:   Graphics for Science & Engineering   (830368)

TITLE:  Modern Science
AUTHOR:  Hayes, William P.
SOURCE:  Workstation News,      v4 n7  p16(3) Jul 1993
ISSN: 1049-491X

RECORD TYPE:  Review
REVIEW TYPE:  Product Analysis
GRADE:  Product Analysis, No Rating

REVISION DATE:  940330

...product that is no longer limited to use by engineers and scientists.
Its ability to **display** data is in great demand for such applications as
**financial   data** analysis and trend-spotting. VDA is a discovery tool for
many professionals. For example, NASA first began using it to make data
analysis straightforward for engineering professionals. Users must first
**display** data, in order to begin a search for patterns. Data are then
reorganized into smaller...

...succession. Effective VDA environments require data manipulation and
management, development tools, GUIs, numerics, visualization, presentation
**graphics** , platforms, and networks.


 11/3,K/5      (Item 4 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00041414       DOCUMENT TYPE:  Review

PRODUCT NAMES:  Metaphor Mixer   (406759); Capri   (902316); WorldToolKit
(406741)

TITLE:  Big Money in Cyberspace
AUTHOR:  Staff
SOURCE:  CyberEdge Journal,     v11  p13(1) Sep/Oct 1992
ISSN: 1061-3099
HOMEPAGE:  http://www.cyberedge.com

RECORD TYPE:  Review
REVIEW TYPE:  Product Analysis
GRADE:  Product Analysis, No Rating

REVISION DATE:  940330

...virtual reality software that permits financial managers to physically
interact with a world comprised of **financial   markets** , stocks, and
equities. The PC-based system, appropriately dubbed Metaphor Mixer, was
developed using Sense8's WorldToolKit and visually **displays** as many as
10,000 stocks at once, with an update rate of twenty frames per second.
Maxus intends to market the system as an idea generator, which provides
**graphical** representations of the complex interrelationships of **financial
 markets** . Metaphor Mixer is currently being used to manage a $106 billion
college teachers' pension fund...


 11/3,K/6      (Item 5 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00039951       DOCUMENT TYPE:  Review

PRODUCT NAMES:  Company - NeXT Software Inc   (850632)

TITLE:   Next To Join OMG At Object World
AUTHOR:  Richman, Dan
SOURCE:  Open Systems Today,     v102  p4(1) Jul 20, 1992
ISSN: 1061-0839

RECORD TYPE:   Review
REVIEW TYPE:   Company

REVISION DATE:   960531

...users and contains communications objects and device drivers; database
systems and objects; education and training; **financial**  analysis;
**information   display** ; multimedia; networking; telecommunications and
ISDN; publishing, **graphics**  and three-dimensional objects; and
user-interface objects.


  **11/3,K/7        (Item 6 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00037980           DOCUMENT TYPE:   Review

**PRODUCT NAMES:  Carbon Copy for Windows   (359211); Lotus Notes   (702137);
1-2-3  (004738); Harvard Graphics for Windows   (349933); NetWare   (699683)**

**TITLE:   Lotus Notes Can Ease the Process of Corporate Globalization**
AUTHOR:  LaPlante, Alice
SOURCE:  InfoWorld,     v14 n27  p60(1) Jul 6, 1992
ISSN: 0199-6649
HOMEPAGE:  http://www.infoworld.com

RECORD TYPE:   Review
REVIEW TYPE:   Product Analysis
GRADE:   Product Analysis, No Rating

REVISION DATE:   980830

...Windows, for training and support; a homegrown EIS, which uses 1-2-3 and
Harvard **Graphics**  for Windows; a NetWare LAN. Managers can download
mainframe **financial   data**  to an IBM PS/2 Model 70 and **display**  it
**graphically**  as needed. Forbes is encouraged by his colleagues' positive
reception to groupware concepts; he plans...


  **11/3,K/8        (Item 7 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00033179         _ DOCUMENT TYPE:   Review

**PRODUCT NAMES:  XRT/graph 1.2   (338761)**

**TITLE:   KL Group's XRT/graph widget**
AUTHOR:  Staff
SOURCE:  X Journal,     v1 n4  p81(2) Mar/Apr 1992
ISSN: 1056-7003

RECORD TYPE:   Review
REVIEW TYPE:   Product Analysis
GRADE:   Product Analysis, No Rating

REVISION DATE:   950401

XRT/Graph 1.2, a graphing widget for X applications, plots **graphics**
files. Developers can use the combined **graphics**  library and graph builder
**to produce dynamic graphs and charts for scientific, financial, and related**

...

...is X11R4 compatible, based on and integrated with the Motif toolkit. It
extends Motif by **displaying** data in such formats as basic X-Y plots, bar,
stacking bar, and pie charts. The graphs are fast enough for many real-time
applications, allowing **display** of dynamic input such as scientific **data**
and **stock** prices, along with static data from database queries. The
article describes how XRT/Graph provides...


**11/3,K/9** (Item 8 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00028605 DOCUMENT TYPE: Review

**PRODUCT NAMES:** Open Look-Sun X-view (237434); UNIX (699675)

**TITLE:** Boston Exchange Looks to Unix
AUTHOR: Krill, Paul
SOURCE: UNIX Today!, v77 p44(1) Aug 5, 1991
ISSN: 1040-5038

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 980730

The Boston **Stock** **Exchange** is purchasing UNIX workstations to increase
its trading capacity as well as keep its hardware...

...solution just didn't have UNIX's communications features. X-Windows and
the Open Look **graphical** user interface **display** market data, trading
information, limit order books, and trading activity. The network lets
Exchange members...


**11/3,K/10** (Item 9 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00021503 DOCUMENT TYPE: Review

**PRODUCT NAMES:** Wealthbuilder 1.1 (228524)

**TITLE:** Can Software Help You Get Rich?
AUTHOR: Kleinholz, Lisa
SOURCE: Home Office Computing, v8 n8 p30(2) Aug 1990
ISSN: 0899-7373
HOMEPAGE: http://www.smalloffice.com

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: B

REVISION DATE: 970228

...g. stocks, treasury bills, certificates of deposit). WealthBuilder
features a comprehensive database, which includes extensive **financial**
**data** , and a portfolio manager that tracks specific investments. Some
problems with file handling and **graphics** **display** were encountered, but
overall, WealthBuilder is a good package with solid financial management
capabilities.
?

*European Patent File*

```
Set     Items    Description
S1         9     ((TICKER OR TRADING OR STOCK)(2N)(SYMBOL? ?)) OR TRADE·
                 FORMATION?
S2      38831    LOGO? ? OR ENSIGNIA? ? OR SYMBOL? ? OR LABEL? ? OR EMB!
                 ?
S3       7243    (MANY OR MULTIPLE OR PLURAL OR SEVERAL OR NUMEROUS OR !
                 ITUDE)(5N)(MONITOR? ? OR SCREEN? ? OR VIDEO? ? OR DISPLAY
S4        290    (VIDEO? ? OR MONITOR? ? OR MEDIA? ?)(2N)WALL? ?
S5        549    (FINANCIAL OR STOCK)(2N)(DATA OR EXCHANGE? ? OR MARKET. .
                 OR TICKER? ? OR SYMBOL? ? OR INFORMATION?)
S6        551    S1 OR S5
S7          5    S6(S)(S3 OR S4)
S8         29    S6(S)S2
S9          0    S8 NOT (LABEL? OR SYMBOL?)
S10         0    S6(15N)(GRAPHIC?(2N)SYMBOL? ?)
```

DIALOG(R)File 348:European Patents

00765777
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
**Method and apparatus for video data management**
**Verfahren und Gerat zur Videodatenverwaltung**
**Methode et appareil pour la gestion de donnees video**
PATENT ASSIGNEE:
  SIEMENS CORPORATE RESEARCH, INC., (1621440), 755 College Road East,
    Princeton, New Jersey 08540, (US), (applicant designated states:
    DE;FR;GB)
INVENTOR:
  Benson, Daniel C., 28 Devon Avenue, Lawrenceville, New Jersey 08648, (US)
  Pizano, Arturo A., 34 Ketcham Road, Belle Mead, New Jersey 08502, (US)
  Arman, Farshid, 5 Kiernan Way, Hamilton, New Jersey 08690, (US)
  Depommier, Remi, 4-08, Fox-Run Drive, Plainsboro, NJ 08536, (US)
LEGAL REPRESENTATIVE:
  Litchfield, Laura Marie et al (85541), Haseltine Lake & Co. Imperial
    House 15-19 Kingsway, London WC2B 6UD, (GB)
PATENT (CC, No, Kind, Date):  EP 719046  A2  960626 (Basic)
                              EP 719046  A3  971126
APPLICATION (CC, No, Date):   EP 95116066 951011;
PRIORITY (CC, No, Date): US 346453 941129
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: H04N-007/173; G06F-017/30;

ABSTRACT EP 719046 A2
    A computer-implemented method for use by a viewer for the management
  of video data in a stored video stream, the video stream including a
  plurality of video shots wherein each shot comprises a sequence of
  frames, the comprises defining and storing in memory on a frame-sequence
  axis a time-based model of the video stream; defining and storing in
  memory on the frame-sequence axis at least one of a space-based model of
  the video stream, an object-based model of the video stream, and an
  event-based model of the video stream. The method further comprises
  selectively scanning through such of the models as have been defined;
  identifying time, space, object, and/or event segments of interest in
  such of the models as have been defined; and selecting for viewing
  portions of the video stream associated with the segments of interest.
  (see image in original document)
ABSTRACT WORD COUNT: 164

LEGAL STATUS (Type, Pub Date, Kind, Text):
  Application:       960626 A2 Published application (A1with Search Report
                              ;A2without Search Report)
  Search Report:     971126 A3 Separate publication of the European or
                              International search report
  Change:            971126 A2 Obligatory supplementary classification
                              (change)
  Change:            980527 A2 Representative (change)
  Examination:       980715 A2 Date of filing of request for examination:
                              980519
  Change:            980722 A2 Representative (change)
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text  Language   Update    Word Count
      CLAIMS A  (English)  EPAB96    2388
      SPEC A    (English)  EPAB96    5983
Total word count - document A        8371
Total word count - document B           0
Total word count - documents A + B   8371

DIALOG(R)File 348:European Patents

00594588
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
**Light tree display for a horizontal carousel**
**Leuchtanzeige fur waagerechte Forderanlage**
**Dispositif d'affichage lumineux pour installation d'acheminement horizontale**
PATENT ASSIGNEE:
  Constructor Lagertechnik GmbH, (2114870), Alte Papiermuhle 25, 51688
    Wipperfurth, (DE), (applicant designated states:
    AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)
INVENTOR:
  Murphree,Michael L., 980 Belaire Court, Naperville, Illinois 60563, (US)
LEGAL REPRESENTATIVE:
  Herrmann-Trentepohl, Werner, Dipl.-Ing. et al (5373), Patentanwalte
    Herrmann-Trentepohl Grosse - Bockhorni & Partner Forstenrieder Allee 59
    , 81476 Munchen, (DE)
PATENT (CC, No, Kind, Date):   EP 597464   A1   940518 (Basic)
                               EP 597464   B1   970423
APPLICATION (CC, No, Date):    EP 93118224 931110;
PRIORITY (CC, No, Date): US 974252 921110
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; PT;
  SE
INTERNATIONAL PATENT CLASS: B65G-001/137; G09F-009/00;

ABSTRACT EP 597464 A1
    A programmable, visible display system or "light tree" for indicating
    loading and picking information to an operator of a storage conveyor of
    the horizontal carousel type is disclosed. The system includes a
    vertically extending array of regularly spaced lightable elements that is
    located adjacent the position occupied by a selected shelf of trays or
    bins for containing items to be stored or distributed. The display is
    programmed to match the vertical spacing of the shelves in each carrier
    of the storage conveyor so as to display information regarding the number
    of items to be removed from or placed in the bins when adjacent to the
    array, such information being horizontally aligned with the associated
    bin. (see image in original document)
ABSTRACT WORD COUNT: 122

LEGAL STATUS (Type, Pub Date, Kind, Text):
  Application:      940518 A1 Published application (A1with Search Report
                             ;A2without Search Report)
  *Assignee:        940601 A1 Applicant (transfer of rights) (change):
                             Electrolux Constructor GmbH (588331) Postfach
                             12 80 D-51676 Wipperfurth (DE) (applicant
                             designated states:
                             AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)
  Examination:      950118 A1 Date of filing of request for examination:
                             941117
  Examination:      960124 A1 Date of despatch of first examination report:
                             951208
  Change:           960703 A1 Representative (change)
  *Assignee:        960703 A1 Applicant (transfer of rights) (change):
                             Constructor Lagertechnik GmbH (2114870) Alte
                             Papiermuhle 25 51688 Wipperfurth (DE)
                             (applicant designated states:
                             AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)
  *Assignee:        960703 A1 Previous applicant in case of transfer of
                             rights (change): Electrolux Constructor GmbH
                             (588331) Postfach 12 80 D-51676 Wipperfurth
                             (DE) (applicant designated states:
                             AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)
  Grant:            970423 B1 Granted patent
  Oppn None:        980415 B1 No opposition filed
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text  Language    Update      Word Count
    CLAIMS A  (English)   EPABF2        802

```
CLAIMS B    (English)  EPAB97     663
CLAIMS B    (German)   EPAB97     629
CLAIMS B    (French)   EPAB97     762
SPEC A      (English)  EPABF2     2978
SPEC B      (English)  EPAB97     3008
Total word count - document A        3781
Total word count - document B        5062
Total word count - documents A + B   8843
```

**7/5/3**

00538379
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
Virtual channels for a multiplexed analog component (MAC) television
  system.
Virtuelle Kanale fur ein Multiplexanalogkomponentenfernsehsystem (MAC).
Canaux virtuels pour un systeme de television a composante analogique
  multiplexee.
PATENT ASSIGNEE:
  SCIENTIFIC-ATLANTA, INC., (353651), One Technology Parkway, Box 105600,
    Atlanta, GA 30348, (US), (applicant designated states:
    AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE)
INVENTOR:
  Yoneda, Robert, 9 Stanton Avenue, Toronto, Ontario, Canada M4L 1W3, (CA)
  Gammie, Keith, 51 Hawkridge Avenue, Markham, Ontario, Canada L3P 1W1,
    (CA)
  Sheldrick, Wayne c/o Scientific-Atlanta, Inc., 120 Middlefield Road, Unit
    One, Mail Code - TOR 2, Scarborough, Ontario M1S 4MC, (CA)
LEGAL REPRESENTATIVE:
  Hogg, Jeffery Keith et al (31905), Withers & Rogers 4 Dyer's Buildings
    Holborn, London EC1N 2JT, (GB)
PATENT (CC, No, Kind, Date):   EP 508654  A2   921014 (Basic)
                               EP 508654  A3   940525
APPLICATION (CC, No, Date):    EP 92302676 920327;
PRIORITY (CC, No, Date): US 677555 910329
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; MC; NL;
  PT; SE
INTERNATIONAL PATENT CLASS: H04N-007/173; H04N-007/087; H04N-007/00;
  H04N-005/60; H04N-011/08; H04N-007/167; H04N-011/00;
CITED PATENTS (EP A): WO 8801463 A; US 4866770 A
CITED REFERENCES (EP A):
  PATENT ABSTRACTS OF JAPAN vol. 14, no. 38 (E-878) 24 January 1990 &
    JP-A-01 270 479 (SONY CORP) 27 October 1989;

ABSTRACT EP 508654 A2
    A decoder for use in a television system. The decoder includes a
receiver for receiving a television signal having at least one channel.
Each channel of the television signal includes video and audio
components. A channel maps the channel received by the receiver to a
plurality of virtual channels. A first virtual channel utilizes a first
combination of video and audio components of the received channel and a
second virtual channel utilizes a second combination of video and audio
components of the same received channel different than the first
combination. A selector allows a subscriber to select one of the virtual
channels. Linked text pages may also be mapped to one or more of the
virtual channels.
ABSTRACT WORD COUNT: 119


LEGAL STATUS (Type, Pub Date, Kind, Text):
  Application:      921014 A2 Published application (A1with Search Report
                             ;A2without Search Report)
  Change:           921223 A2 Inventor (change)
  Change:           940518 A2 Obligatory supplementary classification
                             (change)
  Search Report:    940525 A3 Separate publication of the European or

International search report
Examination:          950118 A2 Date of filing of request for examination:
                                   941124
Change:               950405 A2 Representative (change)
*Assignee:            951213 A2 Applicant (transfer of rights) (change):
                                   SCIENTIFIC-ATLANTA, INC. (353654) One
                                   Technology Parkway South Norcross, GA
                                   30092-2967 (US) (applicant designated states:
                                   AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE
                                   )
*Assignee:            951213 A2 Previous applicant in case of transfer of
                                   rights (change): SCIENTIFIC-ATLANTA, INC.
                                   (353651) One Technology Parkway, Box 105600
                                   Atlanta, GA 30348 (US) (applicant designated
                                   states:
                                   AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE
                                   )
Examination:          970528 A2 Date of despatch of first examination report:
                                   970414
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text  Language    Update      Word Count
     CLAIMS A   (English)   EPABF1        802
     SPEC A     (English)   EPABF1       7820
Total word count - document A          8622
Total word count - document B             0
Total word count - documents A + B     8622


**7/5/4**
DIALOG(R)File 348:European Patents
(c) 1998 European Patent Office. All rts. reserv.

00412257
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
**TV DATA CAPTURE DEVICE**
**FERNSEHDATENERFASSUNGSGERAT**
**UNITE DE SAISIE DE DONNEES DE TELEVISION**
PATENT ASSIGNEE:
   YEE, Keen Yoke, (1369640), 57 Ogden Ave., White Plains, NY 10605, (US),
     (applicant designated states: AT;DE;FR;GB;NL)
INVENTOR:
   YEE, Keen Yoke, 57 Ogden Ave., White Plains, NY 10605, (US)
LEGAL REPRESENTATIVE:
   Atchley, Martin John Waldegrave (27833), 60A Christchurch Road,
     Winchester, Hampshire SO23 9SY, (GB)
PATENT (CC, No, Kind, Date):   EP 464025  A1  920108 (Basic)
                               EP 464025  A1  921028
                               EP 464025  B1  960306
                               WO 9106912  910516
APPLICATION (CC, No, Date):    EP 89912778 891030;  WO 89US4852  891030
PRIORITY (CC, No, Date): EP 89912778 891030; WO 89US4852 891030
DESIGNATED STATES: AT; DE; FR; GB; NL
INTERNATIONAL PATENT CLASS: H04N-005/445;
CITED PATENTS (EP A): WO 9105436 A; GB 2217144 A; WO 8601359 A; US 4803551
   A; US 4803551 A; GB 2107159 A; GB 2107159 A
CITED PATENTS (WO A): US 4367548 A; US 4367557 A; US 4395780 A; US 4695880
   A; US 4734764 A
CITED REFERENCES (EP A):
   See also references of WO9106912;
LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application:          920108 A1 Published application (A1with Search Report
                                   ;A2without Search Report)
 Examination:          920108 A1 Date of filing of request for examination:
                                   910626
 Search Report:        921028 A1 Drawing up of a supplementary European search
                                   report: 920910
 Examination:          940727 A1 Date of despatch of first examination report:

940615
```
Grant:          960306 B1 Granted patent
Change:         960508 B1 Representative (change)
Change:         961204 B1 Representative (change)
Lapse:          970115 B1 Date of lapse of the European patent in a
                          Contracting State: AT 960306
Oppn:           970122 B1 Opposition 01/961205 Philips Electronics N.V.;
                          Groenewoudseweg 1; NL-5621 BA  Eindhoven; (NL)
                          (Representative:)Schmitz, Herman Jan Renier;
                          INTERNATIONAAL OCTROOIBUREAU B.V., Prof.
                          Holstlaan 6; 5656 AA  Eindhoven; (NL)
```
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|---|---|---|---|
| CLAIMS B | (English) | EPAB96 | 483 |
| CLAIMS B | (German) | EPAB96 | 485 |
| CLAIMS B | (French) | EPAB96 | 531 |
| SPEC B | (English) | EPAB96 | 3865 |

```
Total word count - document A         0
Total word count - document B      5364
Total word count - documents A + B 5364
```

**7/5/5**
DIALOG(R)File 348:European Patents
(c) 1998 European Patent Office. All rts. reserv.

00294921
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
**Multicast data distribution system.**
**Mehrfachaussendungsdatenubermittlungssystem.**
**Systeme de repartition de donnees a recepteurs multiples.**
PATENT ASSIGNEE:
   International Business Machines Corporation, (200120), Old Orchard Road,
      Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
   Naron, Steven E., 9909 Sorrel Avenue, Potomac Maryland 20854, (US)
   Branan, John M., 404 Suffield Drive, Gaithersburg Maryland 20878, (US)
   Martin, Gerland Arnold, 12528 War Admiral Way, Darnestown Maryland 20878,
      (US)
LEGAL REPRESENTATIVE:
   Schafer, Wolfgang, Dipl.-Ing. (62021), IBM Deutschland
      Informationssysteme GmbH Patentwesen und Urheberrecht, D-70548
      Stuttgart, (DE)
PATENT (CC, No, Kind, Date):  EP 303830  A2  890222 (Basic)
                              EP 303830  A3  910206
                              EP 303830  B1  940202
APPLICATION (CC, No, Date):   EP 88111425 880715;
PRIORITY (CC, No, Date): US 87850 870821
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: H04L-012/18;
CITED PATENTS (EP A): WO 8603642 A; US 4569042 A
CITED REFERENCES (EP A):
   A.S. TANENBAUM: "Computer Networks", 1981, pages 136-164, Prentice Hall,
      Englewood Cliffs, NY, US; Chapter 4: "The data link layer";

ABSTRACT EP 303830 A2
   A data distribution system for the timely, efficient and reliable
   distribution of data to an unlimited number of remote receiver
   installations. A data source (100) assembles data packets, and upon
   filling or after the lapse of a predetermined interval of time,
   broadcasts a respective data packet to all receivers (120) and recovery
   means along a communication network. Each receiver is intelligent, in
   that it copies the data packets into a buffer and has the responsibility
   of selecting out data needed to perform the receiver's intended
   functions. As a result, intermediate data selecting and routing means
   between the data source and receivers are avoided, resulting in data
   delivery which is both rapid and timely. For reliability, each receiver

*Software*

| Set | Items | Description |
|-----|-------|-------------|
| S1 | 26 | ((TICKER OR TRADING OR STOCK)(2N)(SYMBOL? ?)) OR TRAD: FORMATION? |
| S2 | 3560 | LOGO? ? OR ENSIGNIA? ? OR SYMBOL? ? OR LABEL? ? OR EM ? |
| S3 | 1295 | (MANY OR MULTIPLE OR PLURAL OR SEVERAL OR NUMEROUS OI ITUDE)(5N)(MONITOR? ? OR SCREEN? ? OR VIDEO? ? OR DISPL: |
| S4 | 6 | (VIDEO? ? OR MONITOR? ? OR MEDIA? ?)(2N)WALL? ? |
| S5 | 1799 | (FINANCIAL OR STOCK)(2N)(DATA OR EXCHANGE? ? OR MARKET? ? - OR TICKER? ? OR SYMBOL? ? OR INFORMATION?) |
| S6 | 1811 | S1 OR S5 |
| S7 | 63 | S6 AND S2 |
| S8 | 23 | S7 NOT SYMBOL? |
| S9 | 6 | S8 NOT LABEL? ? |
| S10 | 19 | S6(50N)(GRAPHIC?)(2N)(SYMBOL? OR DISPLAY?) |
| S11 | 10 | RD S10 (unique items) |

11/3,K/2      (Item 1 from file: 256)

00108523          DOCUMENT TYPE:  Review

**PRODUCT NAMES:  Unwired Planet   (711233)**

**TITLE:   Squeezing Web Data**
AUTHOR:   Whelan, Carolyn
SOURCE:   Electronic News,     v44  n2208   p46(2) Mar 2, 1998
ISSN: 1061-6624
HOMEPAGE:  http://www.interport.net/enews

RECORD TYPE:  Review
REVIEW TYPE:  Product Analysis
GRADE:  Product Analysis, No Rating

REVISION DATE:  980930

...service, corporate customers use Unwired's software to construct or
change Web pages with limited **graphics**  and text. The software pares down
information requested by a user, to eliminate unneeded **graphics**  and
content, and sends it on a regular basis to the user's phone. A
data-enabled phone can support bit-mapped **graphics**  or **display**  text
only, and this content is converted to between four and 10 lines of text
between 12 and 20 characters wide on the screen. Types of **information**
available include **stock**  quotes, traffic and weather reports, directories,
and movie and flight information. Among other functions, the...

...allows users to, for example, prioritize voice mail, because all
messages are listed on the **display** .  The technology operates like a
networked computer to split a browser and put a small...


11/3,K/3      (Item 2 from file: 256)

00104950          DOCUMENT TYPE:  Review

**PRODUCT NAMES:  Microsoft Money Financial Suite Windows 95 & NT Beta
(673927); Quicken Suite 98 Windows 95 & NT Beta   (673935)**

**TITLE:   Don't Bank on This Financial Pair (Yet)**
AUTHOR:   Patz, Joel T.
SOURCE:   Windows Magazine,     v8 n12   p112(2) Dec 1997
ISSN: 1060-1066
HOMEPAGE:  http://www.winmag.com

RECORD TYPE:  Review
REVIEW TYPE:  Review
GRADE:  C

REVISION DATE:  980830

...chart. However, the Web link drastically impacts program performance.
Money also had trouble connecting to **stock**   **symbols** , while Quicken did
so easily, and returned likely matches to information entered in a query...
...and mutual fund price quotes, but Quicken only provides a week's worth.
Money's **graphical**  user interface (GUI) suffers from a simplistic main
menu, hides some often-performed tasks, and...


11/3,K/4      (Item 3 from file: 256)

00054053          DOCUMENT TYPE:  Review

**PRODUCT NAMES:  Graphics for Science & Engineering  (830368)**

**TITLE:  Modern Science**
AUTHOR:  Hayes, William P.
SOURCE:  Workstation News,      v4 n7   p16(3)  Jul 1993
ISSN: 1049-491X

RECORD TYPE:  Review
REVIEW TYPE:  Product Analysis
GRADE:  Product Analysis, No Rating

REVISION DATE:  940330

...product that is no longer limited to use by engineers and scientists.
Its ability to **display** data is in great demand for such applications as
**financial  data** analysis and trend-spotting. VDA is a discovery tool for
many professionals. For example, NASA first began using it to make data
analysis straightforward for engineering professionals. Users must first
**display** data, in order to begin a search for patterns. Data are then
reorganized into smaller...

...succession. Effective VDA environments require data manipulation and
management, development tools, GUIs, numerics, visualization, presentation
**graphics** , platforms, and networks.


 **11/3,K/5      (Item 4 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00041414          DOCUMENT TYPE:  Review

**PRODUCT NAMES:  Metaphor Mixer   (406759); Capri   (902316); WorldToolKit
(406741)**

**TITLE:  Big Money in Cyberspace**
AUTHOR:  Staff
SOURCE:  CyberEdge Journal,      v11   p13(1)  Sep/Oct 1992
ISSN: 1061-3099
HOMEPAGE:  http://www.cyberedge.com

RECORD TYPE:  Review
REVIEW TYPE:  Product Analysis
GRADE:  Product Analysis, No Rating

REVISION DATE:  940330

...virtual reality software that permits financial managers to physically
interact with a world comprised of **financial   markets** , stocks, and
equities. The PC-based system, appropriately dubbed Metaphor Mixer, was
developed using Sense8's WorldToolKit and visually **displays** as many as
10,000 stocks at once, with an update rate of twenty frames per second.
Maxus intends to market the system as an idea generator, which provides
**graphical** representations of the complex interrelationships of **financial**
 **markets** . Metaphor Mixer is currently being used to manage a $106 billion
college teachers' pension fund...


 **11/3,K/6      (Item 5 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00039951          DOCUMENT TYPE:  Review

**PRODUCT NAMES:  Company - NeXT Software Inc  (850632)**

TITLE:  Next To Join OMG At Object World
AUTHOR: Richman, Dan
SOURCE: Open Systems Today,     v102  p4(1) Jul 20, 1992
ISSN: 1061-0839

RECORD TYPE:  Review
REVIEW TYPE:  Company

REVISION DATE:  960531

...users and contains communications objects and device drivers; database
systems and objects; education and training; **financial**  analysis;
**information  display** ; multimedia; networking; telecommunications and
ISDN; publishing, **graphics**  and three-dimensional objects; and
user-interface objects.


 **11/3,K/7**      **(Item 6 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00037980          DOCUMENT TYPE:  Review

**PRODUCT NAMES:**  Carbon Copy for Windows   (359211); Lotus Notes   (702137);
**1-2-3**   (004738); Harvard Graphics for Windows   (349933); NetWare   (699683)

**TITLE:**  Lotus Notes Can Ease the Process of Corporate Globalization
AUTHOR: LaPlante, Alice
SOURCE: InfoWorld,     v14 n27  p60(1) Jul 6, 1992
ISSN: 0199-6649
HOMEPAGE:  http://www.infoworld.com

RECORD TYPE:  Review
REVIEW TYPE:  Product Analysis
GRADE:  Product Analysis, No Rating

REVISION DATE:  980830

...Windows, for training and support; a homegrown EIS, which uses 1-2-3 and
Harvard **Graphics**  for Windows; a NetWare LAN. Managers can download
mainframe **financial   data**  to an IBM PS/2 Model 70 and **display**  it
**graphically**  as needed. Forbes is encouraged by his colleagues' positive
reception to groupware concepts; he plans...


 **11/3,K/8**      **(Item 7 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00033179          DOCUMENT TYPE:  Review

**PRODUCT NAMES:**  XRT/graph 1.2   (338761)

**TITLE:  KL Group's XRT/graph widget**
AUTHOR: Staff
SOURCE: X Journal,     v1 n4  p81(2) Mar/Apr 1992
ISSN: 1056-7003

RECORD TYPE:  Review
REVIEW TYPE:  Product Analysis
GRADE:  Product Analysis, No Rating

REVISION DATE:  950401

XRT/Graph 1.2, a graphing widget for X applications, plots **graphics**
files. Developers can use the combined **graphics**  library and graph builder
to produce dynamic graphs and charts for scientific, financial, and related

...

...is X11R4 compatible, based on and integrated with the Motif toolkit. It extends Motif by **displaying** data in such formats as basic X-Y plots, bar, stacking bar, and pie charts. The graphs are fast enough for many real-time applications, allowing **display** of dynamic input such as scientific **data** and **stock** prices, along with static data from database queries. The article describes how XRT/Graph provides...


**11/3,K/9      (Item 8 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00028605            DOCUMENT TYPE:   Review

**PRODUCT NAMES:   Open Look-Sun X-view   (237434); UNIX   (699675)**

**TITLE:   Boston Exchange Looks to Unix**
AUTHOR:   Krill, Paul
SOURCE:   UNIX Today!,      v77   p44(1) Aug 5, 1991
ISSN:  1040-5038

RECORD TYPE:   Review
REVIEW TYPE:   Product Analysis
GRADE:   Product Analysis, No Rating

REVISION DATE:   980730

The Boston **Stock   Exchange** is purchasing UNIX workstations to increase its trading capacity as well as keep its hardware...

...solution just didn't have UNIX's communications features. X-Windows and the Open Look **graphical** user interface **display** market data, trading information, limit order books, and trading activity. The network lets Exchange members...


**11/3,K/10      (Item 9 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00021503            DOCUMENT TYPE:   Review

**PRODUCT NAMES:   Wealthbuilder 1.1   (228524)**

**TITLE:   Can Software Help You Get Rich?**
AUTHOR:   Kleinholz, Lisa
SOURCE:   Home Office Computing,      v8 n8   p30(2) Aug 1990
ISSN:  0899-7373
HOMEPAGE:   http://www.smalloffice.com

RECORD TYPE:   Review
REVIEW TYPE:   Review
GRADE:   B

REVISION DATE:   970228

...g. stocks, treasury bills, certificates of deposit). WealthBuilder features a comprehensive database, which includes extensive **financial data** , and a portfolio manager that tracks specific investments. Some problems with file handling and **graphics   display** were encountered, but overall, WealthBuilder is a good package with solid financial management capabilities.
?

Set     Items    Description
S1          9    ((TICKER OR TRADING OR STOCK)(2N)(SYMBOL? ?)) OR TRADE
                 FORMATION?
S2      38831    LOGO? ? OR ENSIGNIA? ? OR SYMBOL? ? OR LABEL? ? OR EMB!
                 ?
S3       7243    (MANY OR MULTIPLE OR PLURAL OR SEVERAL OR NUMEROUS OR !
                 ITUDE)(5N)(MONITOR? ? OR SCREEN? ? OR VIDEO? ? OR DISPLAY
S4        290    (VIDEO? ? OR MONITOR? ? OR MEDIA? ?)(2N)WALL? ?
S5        549    (FINANCIAL OR STOCK)(2N)(DATA OR EXCHANGE? ? OR MARKET. .
                 OR TICKER? ? OR SYMBOL? ? OR INFORMATION?)
S6        551    S1 OR S5
S7          5    S6(S)(S3 OR S4)
S8         29    S6(S)S2
S9          0    S8 NOT (LABEL? OR SYMBOL?)
S10         0    S6(15N)(GRAPHIC?(2N)SYMBOL? ?)

European
Patent
File

DIALOG(R)File 348:European Patents
(c) 1998 European Patent Office. All rts. reserv.

00765777
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
**Method and apparatus for video data management**
**Verfahren und Gerat zur Videodatenverwaltung**
**Methode et appareil pour la gestion de donnees video**
PATENT ASSIGNEE:
  SIEMENS CORPORATE RESEARCH, INC., (1621440), 755 College Road East,
    Princeton, New Jersey 08540, (US), (applicant designated states:
    DE;FR;GB)
INVENTOR:
  Benson, Daniel C., 28 Devon Avenue, Lawrenceville, New Jersey 08648, (US)
  Pizano, Arturo A., 34 Ketcham Road, Belle Mead, New Jersey 08502, (US)
  Arman, Farshid, 5 Kiernan Way, Hamilton, New Jersey 08690, (US)
  Depommier, Remi, 4-08, Fox-Run Drive, Plainsboro, NJ 08536, (US)
LEGAL REPRESENTATIVE:
  Litchfield, Laura Marie et al (85541), Haseltine Lake & Co. Imperial
    House 15-19 Kingsway, London WC2B 6UD, (GB)
PATENT (CC, No, Kind, Date):   EP 719046  A2  960626 (Basic)
                               EP 719046  A3  971126
APPLICATION (CC, No, Date):   EP 95116066 951011;
PRIORITY (CC, No, Date): US 346453 941129
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: H04N-007/173; G06F-017/30;

ABSTRACT EP 719046 A2
    A computer-implemented method for use by a viewer for the management
    of video data in a stored video stream, the  video stream including a
    plurality of video shots wherein  each shot comprises a sequence of
    frames, the comprises  defining and storing in memory on a frame-sequence
    axis a  time-based model of the video stream; defining and storing  in
    memory on the frame-sequence axis at least one of a  space-based model of
    the video stream, an object-based  model of the video stream, and an
    event-based model of the  video stream. The method further comprises
    selectively  scanning through such of the models as have been defined;
    identifying time, space, object, and/or event segments of  interest in
    such of the models as have been defined; and  selecting for viewing
    portions of the video stream  associated with the segments of interest.
    (see image in original document)
ABSTRACT WORD COUNT: 164

LEGAL STATUS (Type, Pub Date, Kind, Text):
  Application:      960626 A2 Published application (A1with Search Report
                               ;A2without Search Report)
  Search Report:   971126 A3 Separate publication of the European or
                               International search report
  Change:          971126 A2 Obligatory supplementary classification
                               (change)
  Change:          980527 A2 Representative (change)
  Examination:     980715 A2 Date of filing of request for examination:
                               980519
  Change:          980722 A2 Representative (change)
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text  Language    Update      Word Count
     CLAIMS A  (English)    EPAB96        2388
     SPEC A    (English)    EPAB96        5983
Total word count - document A             8371
Total word count - document B                0
Total word count - documents A + B        8371

DIALOG(R)File 348:European Patents
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00594588
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
**Light tree display for a horizontal carousel**
**Leuchtanzeige fur waagerechte Forderanlage**
**Dispositif d'affichage lumineux pour installation d'acheminement horizontale**
PATENT ASSIGNEE:
  Constructor Lagertechnik GmbH, (2114870), Alte Papiermuhle 25, 51688
    Wipperfurth, (DE), (applicant designated states:
    AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)
INVENTOR:
  Murphree,Michael L., 980 Belaire Court, Naperville, Illinois 60563, (US)
LEGAL REPRESENTATIVE:
  Herrmann-Trentepohl, Werner, Dipl.-Ing. et al (5373), Patentanwalte
    Herrmann-Trentepohl Grosse - Bockhorni & Partner Forstenrieder Allee 59
    , 81476 Munchen, (DE)
PATENT (CC, No, Kind, Date):  EP 597464  A1  940518 (Basic)
                              EP 597464  B1  970423
APPLICATION (CC, No, Date):   EP 93118224 931110;
PRIORITY (CC, No, Date): US 974252 921110
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; PT;
  SE
INTERNATIONAL PATENT CLASS: B65G-001/137; G09F-009/00;

ABSTRACT EP 597464 A1
    A programmable, visible display system or "light tree" for indicating
    loading and picking information to an operator of a storage conveyor of
    the horizontal carousel type is disclosed. The system includes a
    vertically extending array of regularly spaced lightable elements that is
    located adjacent the position occupied by a selected shelf of trays or
    bins for containing items to be stored or distributed. The display is
    programmed to match the vertical spacing of the shelves in each carrier
    of the storage conveyor so as to display information regarding the number
    of items to be removed from or placed in the bins when adjacent to the
    array, such information being horizontally aligned with the associated
    bin. (see image in original document)
ABSTRACT WORD COUNT: 122

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application:      940518 A1 Published application (A1with Search Report
                             ;A2without Search Report)
*Assignee:         940601 A1 Applicant (transfer of rights) (change):
                             Electrolux Constructor GmbH (588331) Postfach
                             12 80 D-51676 Wipperfurth (DE) (applicant
                             designated states:
                             AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)
 Examination:      950118 A1 Date of filing of request for examination:
                             941117
 Examination:      960124 A1 Date of despatch of first examination report:
                             951208
 Change:           960703 A1 Representative (change)
*Assignee:         960703 A1 Applicant (transfer of rights) (change):
                             Constructor Lagertechnik GmbH (2114870) Alte
                             Papiermuhle 25 51688 Wipperfurth (DE)
                             (applicant designated states:
                             AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)
*Assignee:         960703 A1 Previous applicant in case of transfer of
                             rights (change): Electrolux Constructor GmbH
                             (588331) Postfach 12 80 D-51676 Wipperfurth
                             (DE) (applicant designated states:
                             AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)
 Grant:            970423 B1 Granted patent
 Oppn None:        980415 B1 No opposition filed
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text  Language   Update     Word Count
     CLAIMS A  (English)   EPABF2        802

```
            CLAIMS B   (English)  EPAB97      663
            CLAIMS B   (German)   EPAB97      629
            CLAIMS B   (French)   EPAB97      762
            SPEC A     (English)  EPABF2     2978
            SPEC B     (English)  EPAB97     3008
Total word count - document A              3781
Total word count - document B              5062
Total word count - documents A + B         8843
```

**7/5/3**
DIALOG(R)File 348:European Patents
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00538379
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
**Virtual channels for a multiplexed analog component (MAC) television system.**
**Virtuelle Kanale fur ein Multiplexanalogkomponentenfernsehsystem (MAC).**
**Canaux virtuels pour un systeme de television a composante analogique multiplexee.**
PATENT ASSIGNEE:
  SCIENTIFIC-ATLANTA, INC., (353651), One Technology Parkway, Box 105600,
    Atlanta, GA 30348, (US), (applicant designated states:
    AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE)
INVENTOR:
  Yoneda, Robert, 9 Stanton Avenue, Toronto, Ontario, Canada M4L 1W3, (CA)
  Gammie, Keith, 51 Hawkridge Avenue, Markham, Ontario, Canada L3P 1W1,
    (CA)
  Sheldrick, Wayne c/o Scientific-Atlanta, Inc., 120 Middlefield Road, Unit
    One, Mail Code - TOR 2, Scarborough, Ontario M1S 4MC, (CA)
LEGAL REPRESENTATIVE:
  Hogg, Jeffery Keith et al (31905), Withers & Rogers 4 Dyer's Buildings
    Holborn, London EC1N 2JT, (GB)
PATENT (CC, No, Kind, Date):   EP 508654  A2   921014 (Basic)
                               EP 508654  A3   940525
APPLICATION (CC, No, Date):    EP 92302676 920327;
PRIORITY (CC, No, Date): US 677555 910329
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; MC; NL;
  PT; SE
INTERNATIONAL PATENT CLASS: H04N-007/173; H04N-007/087; H04N-007/00;
  H04N-005/60; H04N-011/08; H04N-007/167; H04N-011/00;
CITED PATENTS (EP A): WO 8801463 A; US 4866770 A
CITED REFERENCES (EP A):
  PATENT ABSTRACTS OF JAPAN vol. 14, no. 38 (E-878) 24 January 1990 &
    JP-A-01 270 479 (SONY CORP) 27 October 1989;

ABSTRACT EP 508654 A2
    A decoder for use in a television system. The decoder includes a
receiver for receiving a television signal having at least one channel.
Each channel of the television signal includes video and audio
components. A channel maps the channel received by the receiver to a
plurality of virtual channels. A first virtual channel utilizes a first
combination of video and audio components of the received channel and a
second virtual channel utilizes a second combination of video and audio
components of the same received channel different than the first
combination. A selector allows a subscriber to select one of the virtual
channels. Linked text pages may also be mapped to one or more of the
virtual channels.
ABSTRACT WORD COUNT: 119

LEGAL STATUS (Type, Pub Date, Kind, Text):
  Application:       921014 A2 Published application (Alwith Search Report
                                ;A2without Search Report)
  Change:            921223 A2 Inventor (change)
  Change:            940518 A2 Obligatory supplementary classification
                                (change)
  Search Report:     940525 A3 Separate publication of the European or

International search report
| | | |
|---|---|---|
| Examination: | 950118 A2 | Date of filing of request for examination: 941124 |
| Change: | 950405 A2 | Representative (change) |
| *Assignee: | 951213 A2 | Applicant (transfer of rights) (change): SCIENTIFIC-ATLANTA, INC. (353654) One Technology Parkway South Norcross, GA 30092-2967 (US) (applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE) |
| *Assignee: | 951213 A2 | Previous applicant in case of transfer of rights (change): SCIENTIFIC-ATLANTA, INC. (353651) One Technology Parkway, Box 105600 Atlanta, GA 30348 (US) (applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE) |
| Examination: | 970528 A2 | Date of despatch of first examination report: 970414 |

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|---|---|---|---|
| CLAIMS A | (English) | EPABF1 | 802 |
| SPEC A | (English) | EPABF1 | 7820 |
| Total word count - document A | | | 8622 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 8622 |

**7/5/4**
DIALOG(R)File 348:European Patents
(c) 1998 European Patent Office. All rts. reserv.

00412257
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
**TV DATA CAPTURE DEVICE**
**FERNSEHDATENERFASSUNGSGERAT**
**UNITE DE SAISIE DE DONNEES DE TELEVISION**
PATENT ASSIGNEE:
  YEE, Keen Yoke, (1369640), 57 Ogden Ave., White Plains, NY 10605, (US),
    (applicant designated states: AT;DE;FR;GB;NL)
INVENTOR:
  YEE, Keen Yoke, 57 Ogden Ave., White Plains, NY 10605, (US)
LEGAL REPRESENTATIVE:
  Atchley, Martin John Waldegrave (27833), 60A Christchurch Road,
    Winchester, Hampshire SO23 9SY, (GB)
PATENT (CC, No, Kind, Date):  EP 464025  A1  920108 (Basic)
                              EP 464025  A1  921028
                              EP 464025  B1  960306
                              WO 9106912  910516
APPLICATION (CC, No, Date):   EP 89912778 891030;  WO 89US4852  891030
PRIORITY (CC, No, Date): EP 89912778 891030; WO 89US4852 891030
DESIGNATED STATES: AT; DE; FR; GB; NL
INTERNATIONAL PATENT CLASS: H04N-005/445;
CITED PATENTS (EP A): WO 9105436 A; GB 2217144 A; WO 8601359 A; US 4803551
  A; US 4803551 A; GB 2107159 A; GB 2107159 A
CITED PATENTS (WO A): US 4367548 A; US 4367557 A; US 4395780 A; US 4695880
  A; US 4734764 A
CITED REFERENCES (EP A):
  See also references of WO9106912;
LEGAL STATUS (Type, Pub Date, Kind, Text):
| | | |
|---|---|---|
| Application: | 920108 A1 | Published application (A1with Search Report ;A2without Search Report) |
| Examination: | 920108 A1 | Date of filing of request for examination: 910626 |
| Search Report: | 921028 A1 | Drawing up of a supplementary European search report: 920910 |
| Examination: | 940727 A1 | Date of despatch of first examination report: |

Grant:         960306 B1 Granted patent
Change:        960508 B1 Representative (change)
Change:        961204 B1 Representative (change)
Lapse:         970115 B1 Date of lapse of the European patent in a
                         Contracting State: AT 960306
Oppn:          970122 B1 Opposition 01/961205 Philips Electronics N.V.;
                         Groenewoudseweg 1; NL-5621 BA  Eindhoven; (NL)
                         (Representative:)Schmitz, Herman Jan Renier;
                         INTERNATIONAAL OCTROOIBUREAU B.V., Prof.
                         Holstlaan 6; 5656 AA  Eindhoven; (NL)
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text  Language   Update     Word Count
     CLAIMS B   (English)  EPAB96        483
     CLAIMS B   (German)   EPAB96        485
     CLAIMS B   (French)   EPAB96        531
     SPEC B     (English)  EPAB96       3865
Total word count - document A              0
Total word count - document B           5364
Total word count - documents A + B      5364


**7/5/5**
DIALOG(R)File 348:European Patents

00294921
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
**Multicast data distribution system.**
**Mehrfachaussendungsdatenubermittlungssystem.**
**Systeme de repartition de donnees a recepteurs multiples.**
PATENT ASSIGNEE:
  International Business Machines Corporation, (200120), Old Orchard Road,
    Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
  Naron, Steven E., 9909 Sorrel Avenue, Potomac Maryland 20854, (US)
  Branan, John M., 404 Suffield Drive, Gaithersburg Maryland 20878, (US)
  Martin, Gerland Arnold, 12528 War Admiral Way, Darnestown Maryland 20878,
    (US)
LEGAL REPRESENTATIVE:
  Schafer, Wolfgang, Dipl.-Ing. (62021), IBM Deutschland
    Informationssysteme GmbH Patentwesen und Urheberrecht, D-70548
    Stuttgart, (DE)
PATENT (CC, No, Kind, Date):   EP 303830  A2  890222 (Basic)
                               EP 303830  A3  910206
                               EP 303830  B1  940202
APPLICATION (CC, No, Date):    EP 88111425 880715;
PRIORITY (CC, No, Date): US 87850 870821
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: H04L-012/18;
CITED PATENTS (EP A): WO 8603642 A; US 4569042 A
CITED REFERENCES (EP A):
  A.S. TANENBAUM: "Computer Networks", 1981, pages 136-164, Prentice Hall,
    Englewood Cliffs, NY, US; Chapter 4: "The data link layer";

ABSTRACT EP 303830 A2
    A data distribution system for the timely, efficient and reliable
  distribution of data to an unlimited number of remote receiver
  installations. A data source (100) assembles data packets, and upon
  filling or after the lapse of a predetermined interval of time,
  broadcasts a respective data packet to all receivers (120) and recovery
  means along a communication network. Each receiver is intelligent, in
  that it copies the data packets into a buffer and has the responsibility
  of selecting out data needed to perform the receiver's intended
  functions. As a result, intermediate data selecting and routing means
  between the data source and receivers are avoided, resulting in data
  delivery which is both rapid and timely. For reliability, each receiver

monitors the sequence numbers of the data packets which have been
received and, also, whether a data packet is received at least as
frequently as the predetermined interval of time. Any data packet which a
receiver determines as missing, can be obtained from the recovery means
which stores a library of the received data packets or which can retrieve
the missing data packet from the data source.
ABSTRACT WORD COUNT: 188

1. 5,722,192, Mar. 3, 1998, Moving decorative display for articles of clothing; Sybil Salley, 40/329, 452, 586, 661; 362/106 [IMAGE AVAILABLE]

2. 5,515,076, May 7, 1996, Multi-dimensional array video processor system; E. Earle Thompson, et al., 345/139, 502 [IMAGE AVAILABLE]

3. 3,801,961, Apr. 2, 1974, SYSTEM FOR PROVIDING A VIDEO DISPLAY HAVING DIFFERING VIDEO DISPLAY FORMATS; Thomas R. Coombe, 345/23, 27 [IMAGE AVAILABLE]

4. 3,742,482, Jun. 26, 1973, METHOD AND APPARATUS FOR GENERATING A TRAVELING DISPLAY; Francis W. Albrecht, et al., 345/124; 340/825.26; 345/25, 28 [IMAGE AVAILABLE]

5. 3,742,288, Jun. 26, 1973, RASTER CONTROL DEVICE FOR CONTROLLING THE POSITIONING OF THE RASTER AT THE BEGINNING OF EACH NEW LINE; Francis E. Albrecht, et al., 315/393; 345/121 [IMAGE AVAILABLE]

6. 3,656,148, Apr. 11, 1972, DATA HANDLING APPARATUS; Richmond D. Belcher, et al., 345/2; 340/825.27; 345/12, 26, 141 [IMAGE AVAILABLE]

7. 3,623,070, Nov. 23, 1971, TRAVELING-MESSAGE DISPLAY SYSTEM; Ronald W. Johnson, et al., 345/56; 340/825.26; 377/129 [IMAGE AVAILABLE]

8. 3,611,348, Oct. 5, 1971, CHARACTER DISPLAY SYSTEM; William Paul Rogers, 345/25; 340/825.26 [IMAGE AVAILABLE]

9. 3,566,090, Feb. 23, 1971, APPARATUS FOR CONTROLLING THE RATE OF TRANSFER OF INFORMATION; Ronald W. Johnson, 377/26; 340/825.27; 364/918, 918.7, 926.1, 926.5, 927.2, 927.4, 934, 934.1, 934.3, 939, 939.4, 942.7, 947, 947.6, DIG.2; 377/49; 395/200.63 [IMAGE AVAILABLE]

=> d his


     (FILE 'HOME' ENTERED AT 16:57:52 ON 19 NOV 1998)

     FILE 'USPATFULL' ENTERED AT 16:58:11 ON 19 NOV 1998
L1         6 S DISPLAY (6W)(STOCK TICKER OR STOCK SYMBOL# OR STOCK PRI

     FILE 'WPIDS' ENTERED AT 17:05:02 ON 19 NOV 1998
L2        16 S L1

=> d 1-16


L2   ANSWER 1 OF 16  WPIDS   COPYRIGHT 1998 DERWENT INFORMATION LTD
AN   98-073575 [07]  WPIDS
DNN  N98-058946
TI   Information display for showing news data corresponding to variation
     of stock price in security industry - has display unit which shows
     received news information when CPU determines that news information
     coincide with search condition so that caution evocation of news
     information is performed.
DC   T01
PA   (KOKZ) KOKUSAI DENKI KK
CYC  1
PI   JP 09311774 A  971202 (9807)*     7 pp    G06F003-14
ADT  JP 09311774 A JP 96-126121 960521
PRAI JP 96-126121   960521
IC   ICM  G06F003-14
     ICS  G06F017-21


L2   ANSWER 2 OF 16  WPIDS   COPYRIGHT 1998 DERWENT INFORMATION LTD
AN   98-048366 [05]  WPIDS
DNN  N98-038637
TI   Fixing method of **display** node for **stock**
     **price** information - involves mounting of claws and stopper
     of display nodes on attachment hole.
DC   P85
PA   (KOKZ) KOKUSAI DENKI KK
CYC  1
PI   JP 09297540 A  971118 (9805)*     3 pp    G09F007-18
ADT  JP 09297540 A JP 96-109041 960430
PRAI JP 96-109041 · 960430
IC   ICM  G09F007-18
     ICS  G09F007-02


L2   ANSWER 3 OF 16  WPIDS   COPYRIGHT 1998 DERWENT INFORMATION LTD
AN   97-541494 [50]  WPIDS
DNN  N97-450828
TI   Stock price report display device for information transfer system -
     has **display** screens which **display stock**
     **price** information and brand name in several rows, according
     to respective area number and display method.
DC   P85 T01
PA   (KOKZ) KOKUSAI DENKI KK
CYC  1
PI   JP 09259182 A  971003 (9750)*   12 pp    G06F017-60
ADT  JP 09259182 A JP 96-68824 960325
PRAI JP 96-68824   960325

IC    ICM  G06F017-6●
      ICS  G06F003-14, G09G003-00


L2    ANSWER 4 OF 16   WPIDS    COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    97-476929 [44]   WPIDS
DNN   N97-397713
TI    Information display device for e.g. bank, security company - has
      display screen that displays entire news information e.g. stock
      prices, interest rates by allowing continuous flowing of news
      information to display.
DC    P85 T01
PA    (MATU) MATSUSHITA DENKI SANGYO KK
CYC   1
PI    JP 09223173 A   970826 (9744)*       10 pp      G06F017-60
ADT   JP 09223173 A JP 96-31787 960220
PRAI  JP 96-31787     960220
IC    ICM  G06F017-60
      ICS  G09G003-00
ICA   G09G005-00


L2    ANSWER 5 OF 16   WPIDS    COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    97-216647 [20]   WPIDS
DNN   N97-178634       DNC C97-069931
TI    Electrochromic element used in glare-proof mirror of large sized
      **display** plates such as **stock price**
      display - has sealing layer which is sealed between pair of glass
      substrates, using fluororesin type adhesive.
DC    A14 A85 P81 U14 V07
PA    (TOFU) TONEN CORP
CYC   1
PI    JP 09061857 A   970307 (9720)*       7 pp      G02F001-161
ADT   JP 09061857 A JP 95-218714 950828
PRAI  JP 95-218714    950828
IC    ICM  G02F001-161
      ICS  G02F001-15


L2    ANSWER 6 OF 16   WPIDS    COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    97-142212 [13]   WPIDS
DNN   N97-117744
TI    Display device of security commercial scene information such as
      stock price - has screen output part which outputs selected
      information according to screen structure in screen structure memory
      part.
DC    P85 T01
PA    (KOKZ) KOKUSAI DENKI KK
CYC   1
PI    JP 09022267 A   970121 (9713)*       12 pp      G09G003-00
ADT   JP 09022267 A JP 95-194066 950707
PRAI  JP 95-194066    950707
IC    ICM  G09G003-00
      ICS  G06F003-14; G09G005-36


L2    ANSWER 7 OF 16   WPIDS    COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    97-091280 [09]   WPIDS
DNN   N97-075203
TI    Stock price data **display** for various stock brands - has
      **stock price** data **display** command unit
      that displays **stock price** data entered into
      input unit on appointed positions on display boards.
DC    P85 T01 T04
PA    (MATU) MATSUSHITA DENKI SANGYO KK
CYC   1
PI    JP 08328500 A   961213 (9709)*       7 pp      G09G003-00
ADT   JP 08328500 A JP 95-133420 950531
PRAI  JP 95-133420    950531

IC    ICM  G09G003-0●                    ●

AN   96-510391 [51]   WPIDS
DNN  N96-430261
TI   Market data receiver for selective **display** of received
     market data e.g. **stock price** - edits extracted
     data code into selection code data and prints edited selection code
     data to group.
DC   T01
PA   (KOKZ) KOKUSAI DENKI KK
CYC  1
PI   JP 08263560 A  961011 (9651)*      14 pp     G06F017-60
ADT  JP 08263560 A JP 95-90007 950324
PRAI JP 95-90007    950324
IC   ICM  G06F017-60
     ICS  G06F019-00

AN   96-489655 [49]   WPIDS
DNN  N96-412593
TI   Information **display** appts for **display** of
     interest rate, **stock price**, numeric data,
     numeric character in bank, security firm - has scroll control unit
     to display message information in item display part based on data
     from image memory part in state where scrolling is not used.
DC   P85 W05
PA   (KOKZ) KOKUSAI DENKI KK
CYC  1
PI   JP 08248915 A  960927 (9649)*       5 pp     G09G003-20
ADT  JP 08248915 A JP 95-78137 950309
PRAI JP 95-78137    950309
IC   ICM  G09G003-20

AN   96-177085 [18]   WPIDS
DNN  N96-148781
TI   Information **display** for providing movement of market
     **stock price** information to stock exchange - has
     central processing unit for classifying and arranging market stock
     price information that will be transferred from data storage part to
     display appts., based on information specification from input unit.
DC   T01
PA   (KOKZ) KOKUSAI DENKI KK
CYC  1
PI   JP 08055153 A  960227 (9618)*       6 pp     G06F017-60
ADT  JP 08055153 A JP 94-189281 940811
PRAI JP 94-189281    940811
IC   ICM  G06F017-60

AN   96-168714 [17]   WPIDS
DNN  N96-141893
TI   Cordless stock price reporting device - uses display side control
     part to update in harmonious portion of data.
DC   T01 W02
PA   (KOKZ) KOKUSAI DENKI KK
CYC  1
PI   JP 08050618 A  960220 (9617)*       8 pp     G06F017-60
ADT  JP 08050618 A JP 94-203077 940805
PRAI JP 94-203077    940805
IC   ICM  G06F017-60
     ICS  G06F013-00

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AN    96-120790 [13]    WPIDS
DNN   N96-101233
TI    Information display device for displaying stock
      price - includes controller to perform predetermined
      processing to information to be displayed based on contents of
      screen definition file.
DC    T01
PA    (KOKZ) KOKUSAI DENKI KK
CYC   1
PI    JP 08016667 A  960119 (9613)*      10 pp     G06F017-60
ADT   JP 08016667 A JP 94-171583 940701
PRAI  JP 94-171583   940701
IC    ICM  G06F017-60
      ICS  G06F003-14


L2    ANSWER 13 OF 16  WPIDS   COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    96-067009 [07]   WPIDS
DNN   N96-056473
TI    Stock-price reporting system - has two kinds of display terminals
      that display input information in character data form considered as
      stock-price information  transmitted at different data rates.
DC    W01
PA    (KOKZ) KOKUSAI DENKI KK
CYC   1
PI    JP 07327087 A  951212 (9607)*      6 pp     H04M011-00
ADT   JP 07327087 A JP 94-189102 940601
PRAI  JP 94-189102   940601
IC    ICM  H04M011-00
      ICS  H04L007-00; H04L029-06


L2    ANSWER 14 OF 16  WPIDS   COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    92-085552 [11]   WPIDS
TI    Device for displaying stock-price data from teletext -  has decoder,
      data memory, data controller, data selector, and display unit
      NoAbstract Dwg 1/23.
DC    P85 R57 W03
PA    (SOPH-N) SOPHIA SYST
CYC   1
PI    JP 04029295 A  920131 (9211)*      18 pp
ADT   JP 04029295 A JP 90-134169 900525
PRAI  JP 90-134169   900525
IC    G09G005-00; H04N007-08


L2    ANSWER 15 OF 16  WPIDS   COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    90-373704 [50]   WPIDS
TI    Colour CRTs display e.g. for stock price
      list - uses controller for driving four colour CRTs and includes
      video control boards for supplying data from data source
      NoAbstract.
PA    (KIMS-I) KIM S
CYC   1
PI    KR 9000475  B  900130 (9050)*
PRAI  KR 87-2246     870713
IC    G06F003-15


L2    ANSWER 16 OF 16  WPIDS   COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    84-115087 [19]   WPIDS
DNN   N84-085013
TI    Electronic display panel for stock prices - has parallel display
      panels mounted on carriers with integrated circuit chips providing
      control functions.
DC    P85 T04 U14 W05
IN    BIRK, K P
PA    (OPTI-N) OPTI TABLE ALUMINIUM PROD
CYC   1
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(FILE 'USPAT' ENTERED AT 11:34:53 ON 19 NOV 1998)
L1          109 S 705/35/CCLS
L2          154 S FINANCIAL INSTRUMENTS
L3           25 S VIDEO WALL
L4           53 S CORPORATE LOGOS
L5         1306 S VALUE INFORMATION
L6            4 S GRAPHIC IDENTIFIER
L7            0 S GRAPHIC IDENTIFIER INFORMATION
L8            0 S L2 AND L3
L9            0 S L2 AND L4
L10           8 S L2 AND L5
L11          16 S L1 AND L2
L12           0 S L11 AND L5
L13           0 S L11 AND L6
L14           1 S TICKER FEED?
L15         356 S MARKET CONDITIONS
L16         120 S MARKET DATA
L17          13 S L15 AND L16
L18           8 S L1 AND L15
L19           5 S L1 AND L16
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PLEASE ENTER HOST PORT ID:
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*                                                             *
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*                                                             *
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* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*        * PLEASE USE 305-9000 FOR NEW TELEPHONE NUMBER *     *
*                                                             *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
* More U.S. patent data is now available on APS.  The new     *
* USOCR file contains patents issued in 1970, plus some       *
* patents that were missing from the USPAT file.  See the     *
* Patents News Folder under the Public Folders in e-mail for  *
* more information on using the new file.  Thank you.         *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
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*  particular purpose; nor assumes any legal liability or     *
*  responsibility for any party's use, or the results of      *
*  such, of the data.                                         *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*               Help Desk --> 703-305-9000                    *
*                                                             *
*     The Help Desk is staffed for APS support 7 days/week.   *
*        Monday through Friday:       6:30am - 9:00pm         *
*        Saturday, Sunday, Holidays: 8:30am - 5:00 pm         *
*                                                             *
*     The Help Desk staff at this number will handle all APS  *
*     related questions.                                      *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*     >>>>>>>>>>>> NEW SUNDAY HOURS !!! <<<<<<<<<<<<<<         *
*                                                             *
*     The APS is available:                                   *
*            6:30am - 9:00pm Monday through Friday            *
*            7:30am - 5:00pm Saturday, Sunday, Holidays       *
*                                                             *
*       APS is unavailable Thanksgiving Day, Christmas Day,   *
*       and New Year's Day.                                   *
*                                                             *
```

2.  5,742,677, Apr. 21, 1998, Information terminal having reconfigurable memory; Howard G. Pinder, et al., 380/4, 21, 25 [IMAGE AVAILABLE]

3.  5,740,549, Apr. 14, 1998, Information and advertising distribution system and method; James P. Reilly, et al., 705/14 [IMAGE AVAILABLE]

4.  5,710,889, Jan. 20, 1998, Interface device for electronically integrating global financial services; Barry Alan Clark, et al., 345/344; 235/379, 380; 705/35, 39, 42 [IMAGE AVAILABLE]

5.  5,557,798, Sep. 17, 1996, Apparatus and method for providing decoupling of data exchange details for providing high performance communication between software processes; Marion D. Skeen, et al., 705/35; 364/280, 281.3, 284, 284.3, DIG.1; 395/200.45, 200.59, 682 [IMAGE AVAILABLE]

6.  5,537,526, Jul. 16, 1996, Method and apparatus for processing a display document utilizing a system level document framework; David R. Anderson, et al., 707/515; 345/331, 346; 707/501, 512 [IMAGE AVAILABLE]

7.  5,257,369, Oct. 26, 1993, Apparatus and method for providing decoupling of data exchange details for providing high performance communication between software processes; Marion D. Skeen, et al., 395/680; 364/239.9, 240.8, 240.9, 284, DIG.1; 395/200.59 [IMAGE AVAILABLE]

8.  5,220,500, Jun. 15, 1993, Financial management system; Andrew V. Baird, et al., 705/36 [IMAGE AVAILABLE]

9.  5,208,665, May 4, 1993, Presentation player for an interactive digital communication system; Karl W. McCalley, et al., 348/12; 455/5.1 [IMAGE AVAILABLE]

10.  5,195,092, Mar. 16, 1993, Interactive multimedia presentation & communication system; Steven D. Wilson, et al., 348/13; 340/825.5; 348/19; 370/498, 528 [IMAGE AVAILABLE]

11.  5,191,410, Mar. 2, 1993, Interactive multimedia presentation and communications system; Karl W. McCalley, et al., 348/13; 379/93.12 [IMAGE AVAILABLE]

12.  5,187,787, Feb. 16, 1993, Apparatus and method for providing decoupling of data exchange details for providing high performance communication between software processes; Marion D. Skeen, et al., 395/680; 364/225, 227.2, 240.8, 242.94, 242.95, 242.96, 246.3, 260.4, 260.9, 281.3, 282.1, 284, 284.3, 284.4, DIG.1 [IMAGE AVAILABLE]

13.  5,122,795, Jun. 16, 1992, Scanning receiver for nationwide radio paging system; H. Dean Cubley, et al., 340/825.44; 455/31.2, 32.1 [IMAGE AVAILABLE]

14.  5,113,496, May 12, 1992, Bus interconnection structure with redundancy linking plurality of groups of processors, with servers for each group mounted on chassis; Karl W. McCalley, et al., 395/306; 340/825.03, 827; 364/222.2, 222.3, 227.1, 228.3, 229, 229.5, 236.2, 237.2, 237.3, 237.8, 238, 238.3, 239, 239.8, 239.9, 240, 240.2, 241.9, 242.4, 242.94, 242.96, 248.1, 260, 260.2, 263.1, 268, 268.3, 268.7, 268.9, 271, 271.4, 282.1, 284, 284.2, 284.3, 931.43, 940.68, DIG.1; 395/182.02 [IMAGE AVAILABLE]

```
=> d his


        (FILE 'USPAT' ENTERED AT 17:23:39 ON 19 NOV 1998)
L1          19 S DISPLAY#   (6W)(STOCK TICKER# OR STOCK SYMBOL# OR STOCK P
RIC
L2         517 S COMPAN? LOGO# OR LOGO# OF COMPAN?
L3           0 S L1 AND L2
L4          25 S DISPLAY#   (6W)(COMPAN? LOGO# OR LOGO# OF COMPAN?)
L5           0 S L4 AND L1
L6       99056 S STOCK
L7           1 S L4 AND L6
L8           0 S ( STOCK SYMBOL# AND COMPAN? LOGO#)
L9           0 S L1 AND L2
L10          0 S DIPSLAY? COMPAN? LOGO#
L11          1 S DISPLAY? COMPAN? LOGO#
L12         34 S DISPLAY? (6W)(COMPAN? LOGO# OR LOGO# OF COMPAN?)
L13          0 S L1 AND L12
L14        262 S (STOCK TICKER# OR STOCK SYMBOL# OR STOCK PRICE#)
L15          0 S L12 AND L14
L16      19346 S 345*?/CCLST
L17          6 S L12 AND L16

=> d 1-6
```

1.  5,371,851, Dec. 6, 1994, Graphical data base editor; Chris M. Pieper, et al., **345/507** [IMAGE AVAILABLE]

2.  5,296,869, Mar. 22, 1994, Digital engine analyzer; Gary D. Jonker, et al., **345/24**; 73/117.3; 324/394; **345/140**; 701/102 [IMAGE AVAILABLE]

3.  5,258,753, Nov. 2, 1993, Digital engine analyzer; Gary D. Jonker, et al., **345/140**; 73/117.3; 324/379; **345/133**; 701/102 [IMAGE AVAILABLE]

4.  5,250,935, Oct. 5, 1993, Waveform peak capture circuit for digital engine analyzer; Gary D. Jonker, et al., **345/134**; 324/379; 701/102; 702/67 [IMAGE AVAILABLE]

5.  5,247,287, Sep. 21, 1993, Digital engine analyzer; Gary D. Jonker, et al., **345/134**; 324/121R, 379; **345/140**; 701/102; 702/67 [IMAGE AVAILABLE]

6.  5,245,324, Sep. 14, 1993, Digital engine analyzer; Gary D. Jonker, et al., **345/134**; 324/121R, 379; **345/11, 169**; 701/102 [IMAGE AVAILABLE]

```
=> d 1-6 kwic
```

```
US PAT NO:      5,371,851 [IMAGE AVAILABLE]          L17: 1 of 6
US-CL-CURRENT: 345/507

DETDESC:

DETD(99)
If the window is too small to display the Workbench area, TekWAVES
```

displays the comp● logo. ●

US-CL-CURRENT: **345/24**; 73/117.3; 324/394; **345/140**; 701/102

DETDESC:

DETD(34)

Upon  .   .   .  70, the number of cycles at 71 and the firing order of the cylinders at 72. The screen may also **display** a **company logo** or other identifying information at 73. An instructional message appears at 74, instructing the user to press one of the.   .   .

US-CL-CURRENT: **345/140**; 73/117.3; 324/379; **345/133**; 701/102

DETDESC:

DETD(34)

Upon  .   .   .  70, the number of cycles at 71 and the firing order of the cylinders at 72. The screen may also **display** a **company logo** or other identifying information at 73. An instructional message appears at 74, instructing the user to press one of the.   .   .

US-CL-CURRENT: **345/134**; 324/379; 701/102; 702/67

DETDESC:

DETD(34)

Upon  .   .   .  70, the number of cycles at 71 and the firing order of the cylinders at 72. The screen may also **display** a **company logo** or other identifying information at 73. An instructional message appears at 74, instructing the user to press one of the.   .   .

US-CL-CURRENT: **345/134**; 324/121R, 379; **345/140**; 701/102; 702/67

DETDESC:

DETD(34)

Upon  .   .   .  70, the number of cycles at 71 and the firing order of the cylinders at 72. The screen may also **display** a **company logo** or other identifying information at 73. An instructional message appears at 74, instructing the user to press one of the.   .   .

US-CL-CURRENT: **345/134**; 324/121R, 379; **345/11, 169**; 701/102

DETDESC:

DETD(34)

Upon  .   .   .  70, the number of cycles at 71 and the firing order of the cylinders at 72. The screen may also **display** a **company logo** or other identifying information at 73. An instructional message appears at 74, instructing the user to press one of the.   .   .

1. 5,809,483, Sep. 15, 1998, Online transaction processing system for bond trading; S. William Broka, et al., (705/37) IMAGE AVAILABLE]

2. 5,768,528, Jun. 16, 1998, Client-server system for delivery of online information; Christian Stumm, 395/200.61; 379/93.25; 395/182.16, 200.47 [IMAGE AVAILABLE]

3. 5,339,392, Aug. 16, 1994, Apparatus and method for creation of a user definable video displayed document showing changes in real time data; Jeffrey S. Risberg, et al., 345/333, 334; 707/501 [IMAGE AVAILABLE]

4. 5,270,922, Dec. 14, 1993, System for distributing, processing and displaying financial information; Gerard M. Higgins, (705/37;) 340/825.26 [IMAGE AVAILABLE].

5. 3,913,089, Oct. 14, 1975, Method and apparatus for generating a traveling display; Francis E. Albrecht, 345/18, 121 [IMAGE AVAILABLE]

6. 3,801,961, Apr. 2, 1974, SYSTEM FOR PROVIDING A VIDEO DISPLAY HAVING DIFFERING VIDEO DISPLAY FORMATS; Thomas R. Coombe, 345/23, 27 [IMAGE AVAILABLE]

7. 3,792,462, Feb. 12, 1974, METHOD AND APPARATUS FOR CONTROLLING A MULTI-MODE SEGMENTED DISPLAY; Richard C. Casey, et al., 345/115; 340/825.26 [IMAGE AVAILABLE]

8. 3,742,482, Jun. 26, 1973, METHOD AND APPARATUS FOR GENERATING A TRAVELING DISPLAY; Francis W. Albrecht, et al. (345/124;) 340/825.26; 345/25, 28 [IMAGE AVAILABLE]

9. 3,742,288, Jun. 26, 1973, RASTER CONTROL DEVICE FOR CONTROLLING THE POSITIONING OF THE RASTER AT THE BEGINNING OF EACH NEW LINE; Francis E. Albrecht, et al., 315/393; 345/121 [IMAGE AVAILABLE]

10. 3,651,511, Mar. 21, 1972, TRAVELING MESSAGE DISPLAY; Russell W. Andrews, et al. (345/148; 340/825.26 [IMAGE AVAILABLE]

11. 3,623,070, Nov. 23, 1971, TRAVELING-MESSAGE DISPLAY SYSTEM; Ronald W. Johnson, et al., 345/56; 340/825.26; 377/129 [IMAGE AVAILABLE]

12. 3,569,936, Mar. 9, 1971, VISUAL INDICATOR PULSE SUPPLY APPARATUS; Ronald W. Johnson, 340/825.57 [IMAGE AVAILABLE]

```
=> s financila display?

              0 FINANCILA
         289378 DISPLAY?
L3            0 FINANCILA DISPLAY?
                (FINANCILA(W)DISPLAY?)

=> s financial display?

           7414 FINANCIAL
         289378 DISPLAY?
L4            0 FINANCIAL DISPLAY?
                (FINANCIAL(W)DISPLAY?)
```

```
=> s display?  (6w)(stock ticker# or stock symbol# or stock price#)

        288705 DISPLAY?
         98886 STOCK
           208 TICKER#
            41 STOCK TICKER#
                  (STOCK(W)TICKER#)
         98886 STOCK
        104844 SYMBOL#
            18 STOCK SYMBOL#
                  (STOCK(W)SYMBOL#)
         98886 STOCK
         52390 PRICE#
           219 STOCK PRICE#
                  (STOCK(W)PRICE#)
L5         23 DISPLAY?  (6W)(STOCK TICKER# OR STOCK SYMBOL# OR STOCK
               PRICE#)

=> d 1-23
```

```
L5     ANSWER 1 OF 23   USPATFULL
AN       1998:140331   USPATFULL
TI       Method for preserving and reusing software objects associated with
         web pages
IN       Brim, David Neal, Custer, WA, United States
PA       Wall Data Incorporated, Kirkland, WA, United States (U.S.
         corporation)
PI       US 5835914   981110
AI       US 97-800545   970218 (8)
DT       Utility
LN.CNT 781
INCL   INCLM: 707/206.000
       INCLS: 707/002.000; 707/003.000; 707/006.000; 707/010.000;
              707/513.000; 707/104.000; 395/712.000; 395/200.330
NCL    NCLM:  707/206.000
       NCLS:  707/002.000; 707/003.000; 707/006.000; 707/010.000;
              707/513.000; 707/104.000; 395/712.000; 395/200.330
IC     [6]
       ICM: G06F017-30
EXF    395/712; 395/200.33; 395/200.49; 395/200.23; 707/206; 707/513;
       707/501; 707/1; 707/6; 707/2; 707/4; 707/10; 707/103; 707/104;
       707/3

L5     ANSWER 2 OF 23   USPATFULL
AN       1998:139551   USPATFULL
TI       Interactive system for a closed cable network which includes
         facsimiles and voice mail on a display
IN       Lewis, Scott W., San Jose, CA, United States
PA       Multimedia Systems Corporation, San Jose, CA, United States (U.S.
         corporation)
PI       US 5835126   981110
AI       US 96-616562   960315 (8)
DT       Utility
LN.CNT 1388
INCL   INCLM: 348/008.000
       INCLS: 348/006.000; 455/006.300; 379/100.120; 379/101.010
NCL    NCLM:  348/008.000
       NCLS:  348/006.000; 455/006.300; 379/100.120; 379/101.010
```

```
IC      [6]
        ICM: H04N00⬤6
EXF     348/6; 348/7; 348/8; 348/9; 348/10; 348/11; 348/12; 348/13;
        348/14; 348/15; 348/16; 348/17; 348/18; 455/3.1; 455/4.1; 455/4.2;
        455/5.1; 455/6.1; 455/6.2; 455/6.3; H04N007-16;  7173; <379
        156-;157;100.12;100.01;100.08;100.09;100.11;101.01;100;67;88;89


L5      ANSWER 3 OF 23  USPATFULL
AN      1998:123657  USPATFULL
TI      Internet enhanced video system
IN      Maa, Chia-Yiu, 16220 SW. Colleen Ct., Beaverton, OR, United States
        97007
PI      US 5818935  981006
AI      US 97-814286  970310 (8)
DT      Utility
LN.CNT  1231
INCL    INCLM: 380/020.000
        INCLS: 348/467.000
NCL     NCLM:  380/020.000
        NCLS:  348/467.000
IC      [6]
        ICM: H04N007-167
        ICS: H04N007-00
EXF     380/20; 348/461-468


L5      ANSWER 4 OF 23  USPATFULL
AN      1998:80535  USPATFULL
TI      Market information machine
IN      Kolton, Anthony D., Chicago, IL, United States
        Gamboa, Ruben A., Austin, TX, United States
        Chimenti, Danette S., Austin, TX, United States
PA      Logical Information Machines, Inc., Chicago, IL, United States
        (U.S. corporation)
PI      US 5778357  980707
AI      US 96-777123  961230 (8)
RLI     Continuation of Ser. No. US 95-392612, filed on 22 Feb 1995, now
        patented, Pat. No. US 5590325 which is a continuation of Ser. No.
        US 91-713359, filed on 11 Jun 1991, now abandoned
DT      Utility
LN.CNT  889
INCL    INCLM: 707/002.000
        INCLS: 707/004.000; 707/006.000; 707/104.000
NCL     NCLM:  707/002.000
        NCLS:  707/004.000; 707/006.000; 707/104.000
IC      [6]
        ICM: G06F017-30
EXF     395/601; 395/602; 395/603; 395/606; 395/615; 395/237; 707/2;
        707/4; 707/6; 707/104


L5      ANSWER 5 OF 23  USPATFULL
AN      1998:76473  USPATFULL
TI      Human factored interface incorporating adaptive pattern
        recognition based controller apparatus
IN      Hoffberg, Steven M., 29 Buckout Rd., West Harrison, NY, United
        States  10604
        Hoffberg-Borghesani, Linda I., 40 Jackson Dr., Acton, MA, United
        States  01720
PI      US 5774357  980630
AI      US 95-471215  950606 (8)
RLI     Continuation of Ser. No. US 91-812805, filed on 23 Dec 1991
DT      Utility
LN.CNT  7695
INCL    INCLM: 364/188.000
        INCLS: 395/559.000; 395/595.000; 395/587.000; 348/110.000;
               348/026.000; 348/734.000
```

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NCL     NCLM:  364/1   000
        NCLS:  348/C   000;  348/110.000;  348/734.000;   5/559.000;
               395/587.000;  395/595.000
IC      [6]
        ICM: G05B009-02
EXF     364/188;  358/142;  340/706;  356/335;  395/559;  395/595;  395/587;
        395/552;  348/110;  348/27;  348/734;  345/195;  326/36;  386/83;
        370/384


L5      ANSWER 6 OF 23  USPATFULL
AN      1998:40916  USPATFULL
TI      Information and advertising distribution system and method
IN      Reilly, James P., San Francisco, CA, United States
        Hassett, Gregory P., Cupertino, CA, United States
PA      PointCast, Inc., Sunnyvale, CA, United States (U.S. corporation)
PI      US 5740549  980414
AI      US 95-489591  950612 (8)
DT      Utility
LN.CNT  1242
INCL    INCLM:  705/014.000
NCL     NCLM:  705/014.000
IC      [6]
        ICM: G06F017-60
EXF     395/214;  395/200.09;  395/200.11;  395/200.15;  395/602;  395/604;
        705/1;  705/14


L5      ANSWER 7 OF 23  USPATFULL
AN      97:50463  USPATFULL
TI      Interactive system for a closed cable network
IN      Lewis, Scott W., San Jose, CA, United States
PA      Multimedia Systems Corporation, San Jose, CA, United States (U.S.
        corporation)
PI      US 5638426  970610
AI      US 93-134099  931012 (8)
DT      Utility
LN.CNT  1240
INCL    INCLM:  379/090.000
        INCLS:  379/093.000;  348/013.000;  348/008.000
NCL     NCLM:  379/090.010
        NCLS:  348/008.000;  348/013.000;  379/093.020;  379/093.030;
               379/093.170;  379/093.310;  379/100.010
IC      [6]
        ICM: H04M011-00
EXF     379/90;  379/93;  379/94;  379/96;  379/98;  379/100;  379/91;  348/13;
        348/14;  348/6;  348/7;  348/8;  348/12;  455/3.1;  455/2;  455/4.1;
        455/4.2;  455/5.1;  455/6.1;  455/6.3


L5      ANSWER 8 OF 23  USPATFULL
AN      97:23168  USPATFULL
TI      Interactive system for a closed cable network
IN      Lewis, Scott W., Saratoga, CA, United States
PA      Multimedia Systems Corporation, San Jose, CA, United States (U.S.
        corporation)
PI      US 5612730  970318
AI      US 95-400245  950303 (8)
DT      Utility
LN.CNT  1284
INCL    INCLM:  348/008.000
        INCLS:  348/012.000;  348/013.000;  455/005.100;  455/006.300
NCL     NCLM:  348/008.000
        NCLS:  348/012.000;  348/013.000;  455/005.100;  455/006.300
IC      [6]
        ICM: H04N007-14
        ICS: H04N007-18;  H04N007-00
EXF     348/6;  348/8;  348/12;  348/13;  348/14;  348/15;  348/3;  348/5;
```

L5    ANSWER 9 OF 23   USPATFULL
AN    96:121718  USPATFULL
TI    System for forming queries to a commodities trading database using
      analog indicators
IN    Kolton, Anthony D., Chicago, IL, United States
      Gamboa, Ruben A., Austin, TX, United States
      Chimenti, Danette S., Austin, TX, United States
PA    Logical Information Machines, Inc., Chicago, IL, United States
      (U.S. corporation)
PI    US 5590325  961231
AI    US 95-392612  950222 (8)
RLI   Continuation of Ser. No. US 91-713359, filed on 11 Jun 1991, now
      abandoned
DT    Utility
LN.CNT 944
INCL  INCLM: 395/615.000
      INCLS: 364/DIG.001; 364/282.100; 364/283.300; 395/210.000
NCL   NCLM:  707/104.000
      NCLS:  364/DIG.001; 364/282.100; 364/283.300; 705/010.000
IC    [6]
      ICM: G06F017-30
EXF   395/600; ; 364/408


L5    ANSWER 10 OF 23   USPATFULL
AN    96:11431  USPATFULL
TI    Television paging system
IN    Murray, Bradley A., West Palm Beach, FL, United States
PA    Motorola, Inc., Schaumburg, IL, United States (U.S. corporation)
PI    US 5489894  960206
AI    US 94-222497  940404 (8)
RLI   Continuation of Ser. No. US 92-995314, filed on 22 Dec 1992, now
      abandoned which is a continuation of Ser. No. US 91-726594, filed
      on 8 Jul 1991, now abandoned
DT    Utility
LN.CNT 428
INCL  INCLM: 340/825.440
      INCLS: 455/038.400; 455/066.000; 348/563.000; 348/723.000
NCL   NCLM:  340/825.440
      NCLS:  348/563.000; 348/723.000; 455/038.400; 455/066.000
IC    [6]
      ICM: G08B005-22
EXF   340/825.44; 455/38.1; 455/66; 455/38.4; 380/10; 380/11; 380/20;
      348/563; 348/564; 348/723


L5    ANSWER 11 OF 23   USPATFULL
AN    96:9781  USPATFULL
TI    Interactive system for a closed cable network
IN    Lewis, Scott W., Saratoga, CA, United States
PA    Multimedia Systems Corporation, San Jose, CA, United States (U.S.
      corporation)
PI    US 5488411  960130
AI    US 94-212353  940314 (8)
DT    Utility
LN.CNT 1205
INCL  INCLM: 348/008.000
      INCLS: 348/006.000; 455/006.300
NCL   NCLM:  348/008.000
      NCLS:  348/006.000; 455/006.300
IC    [6]
      ICM: H04N007-173
EXF   348/6; 348/8; 348/12; 348/13; 348/3; 348/5; 348/14; 348/15;
      455/5.1; 455/6.1; 455/6.3; 358/86; 358/85; H04N007-16; <H04
      N00-7173; <H04 N00-714; <H04 N00-715

AN     95:85263  USPATFULL
TI     Radio communication receiving device detecting a frequency
       modulation preamble signal
IN     Tanaka, Kiyoshi, Chiba, Japan
PA     Uniden Corporation, Ichikawa, Japan (non-U.S. corporation)
PI     US 5452472  950919
AI     US 93-86857  930707 (8)
PRAI   JP 92-245969  920824
DT     Utility
LN.CNT 784
INCL   INCLM: 455/038.200
       INCLS: 455/205.000; 455/343.000; 340/311.100; 340/825.440
NCL    NCLM:  455/038.200
       NCLS:  340/311.100; 340/825.440; 455/205.000; 455/343.000
IC     [6]
       ICM: H04B001-16
EXF    455/38.1; 455/38.2; 455/38.3; 455/343; 455/32.1; 455/228;
       455/67.1; 455/226.1; 455/227; 455/229; 455/205; 340/311.1;
       340/825.44

L5    ANSWER 13 OF 23  USPATFULL
AN     95:45896  USPATFULL
TI     Method and apparatus for prioritizing deletion of received
       messages based on message source and message order
IN     Hosack, Nichola B., Coral Springs, FL, United States
       Cannon, Gregory L., Boynton Beach, FL, United States
       Robinson, Edward H., Delray Beach, FL, United States
       Hill, Richard A., Hollywood, FL, United States
       Mondrosch, Nancy E., Boynton Beach, FL, United States
       Macko, William J., West Palm Beach, FL, United States
PA     Motorola, Inc., Schaumburg, IL, United States (U.S. corporation)
PI     US 5418528  950523
AI     US 93-113132  930830 (8)
DT     Utility
LN.CNT 653
INCL   INCLM: 340/825.440
       INCLS: 340/825.220
NCL    NCLM:  340/825.440
       NCLS:  340/825.220
IC     [6]
       ICM: G08B005-22
EXF    340/825.44; 340/825.22; 340/825.51; 455/38.1; 455/38.4

L5    ANSWER 14 OF 23  USPATFULL
AN     95:41769  USPATFULL
TI     System for extracting historical market information with condition
       and attributed windows
IN     Kolton, Anthony D., Chicago, IL, United States
       Gamboa, Ruben A., Austin, TX, United States
       Chimenti, Danette S., Austin, TX, United States
PA     Logical Information Machine, Chicago, IL, United States (U.S.
       corporation)
PI     US 5414838  950509
AI     US 92-897622  920611 (7)
RLI    Continuation-in-part of Ser. No. US 91-713359, filed on 11 Jun
       1991
DT     Utility
LN.CNT 1417
INCL   INCLM: 395/600.000
       INCLS: 364/DIG.001; 364/408.000; 364/282.100; 364/286.300;
              395/161.000
NCL    NCLM:  707/104.000
       NCLS:  364/DIG.001; 364/282.100; 364/286.300; 395/117.000;

IC     [6]
       ICM: G06F015-40
EXF    395/153; 395/159; 395/161; 395/600; 364/408

L5    ANSWER 15 OF 23   USPATFULL
AN     94:71668  USPATFULL
TI     Apparatus and method for creation of a user definable video
       displayed document showing changes in real time data
IN     Risberg, Jeffrey S., 3249 Morris Dr., Palo Alto, CA, United States
       94303
       Skeen, Marion D., 3826 Magnolia Dr., Palo Alto, CA, United States
       94306
PI     US 5339392  940816
AI     US 90-636044  901228  (7)
RLI    Continuation-in-part of Ser. No. US 90-632551, filed on 21 Dec
       1990 which is a continuation-in-part of Ser. No. US 90-601117,
       filed on 22 Oct 1990, now patented, Pat. No. US 5257369 which is a
       continuation-in-part of Ser. No. US 89-386584, filed on 27 Jul
       1989, now patented, Pat. No. US 5187787
DT     Utility
LN.CNT 7121
INCL   INCLM: 395/161.000
       INCLS: 395/155.000; 364/408.000
NCL    NCLM: 345/333.000
       NCLS: 345/334.000; 707/501.000
IC     [5]
       ICM: G06F015-62
       ICS: G06F015-16
EXF    364/144-149; 364/155; 364/161; 364/408; 364/411; 364/412; 364/419;
       358/84

L5    ANSWER 16 OF 23  USPATFULL
AN     89:96091  USPATFULL
TI     Image display system
IN     Yatsunami, Kenroh, Yamatokoriyama, Japan
PA     Sharp Kabushiki Kaisha, Osaka, Japan (non-U.S. corporation)
PI     US 4884146  891128
AI     US 88-218991  880714 (7)
PRAI   JP 87-175201  870714
       JP 87-175202  870714
       JP 87-175203  870714
       JP 87-175204  870714
       JP 87-175205  870714
DT     Utility
LN.CNT 599
INCL   INCLM: 358/400.000
       INCLS: 358/486.000; 358/494.000
NCL    NCLM: 358/400.000
       NCLS: 358/486.000; 358/494.000
IC     [4]
       ICM: H04M001-00
EXF    358/256; 358/280; 358/293; 358/294

L5    ANSWER 17 OF 23  USPATFULL
AN     84:68011  USPATFULL
TI     Apparatus for receiving and displaying continuously updated data
IN     Parsons, Frederick G., Arlington, VA, United States
PA     Telemet American, Inc., Alexandria, VA, United States (U.S.
       corporation)
PI     US 4486853  841204
AI     US 81-249830  810401 (6)
DT     Utility
LN.CNT 2084
INCL   INCLM: 364/900.000

```
NCL      NCLM:   345/●●000
         NCLS:   364/DIG.001; 364/DIG.002; 364/918.000; ●●4/918.700;
                 364/918.800; 364/927.000; 364/927.200; 364/928.000;
                 364/929.000; 364/929.400; 364/932.800; 364/935.000;
                 364/935.200; 364/942.800; 364/947.000; 364/947.200;
                 364/949.710; 364/951.100; 364/951.300; 380/042.000;
                 395/653.000; 705/037.000
IC       [3]
         ICM: G06F007-00
EXF      235/454; 235/380; 235/381; 235/382; 371/49; 364/200; 364/900;
         340/825.26; 340/142; 179/2DP; 370/71


L5    ANSWER 18 OF 23   USPATFULL
AN       83:4410   USPATFULL
TI       Payment responsive data display network
IN       Fuerle, Gerard A., 4434 N. Third St., Philadelphia, PA, United
         States 19140
PI       US 4370649  830125
AI       US 81-265063  810519 (6)
DT       Utility
LN.CNT 473
INCL     INCLM: 340/825.350
         INCLS: 235/381.000; 179/002.000DP; 364/408.000; 340/825.270
NCL      NCLM:   379/093.250
         NCLS:   235/381.000; 340/825.270; 340/825.350; 379/093.120;
                 705/039.000
IC       [3]
         ICM: H04Q009-00
EXF      179/2DP; 179/6.3R; 364/408; 364/410; 364/412; 340/825.26;
         340/825.27; 340/825.35; 235/381


L5    ANSWER 19 OF 23   USPATFULL
AN       82:60037   USPATFULL
TI       Electronic stock market terminal game
IN       Chodak, Jan B., Rancho Palos Verdes, CA, United States
         Tran, Luan G., Redondo Beach, CA, United States
PA       Mattel, Inc., Hawthorne, CA, United States (U.S. corporation)
PI       US 4363489  821214
AI       US 80-197882  801017 (6)
DT       Utility
LN.CNT 1613
INCL     INCLM: 273/237.000
NCL      NCLM:   273/237.000
IC       [3]
         ICM: A63F003-00
         ICS: A63F009-00
EXF      273/1E; 273/148R; 273/237; 273/256; 273/278; 273/DIG.28; 434/107;
         364/410


L5    ANSWER 20 OF 23   USPATFULL
AN       77:2023   USPATFULL
TI       Stock market investment game
IN       Biggs, Fred Conner, 751 Rosecrans St., San Diego, CA, United
         States 92106
PI       US 4002342  770111
AI       US 76-649212  760115 (5)
DT       Utility
LN.CNT 290
INCL     INCLM: 273/134.000AE
         INCLS: 273/134.000AF; 273/134.000D; 273/134.000G
NCL      NCLM:   273/239.000
         NCLS:   273/256.000; 273/280.000
IC       [2]
         ICM: A63F003-00
EXF      273/134
```

AN    74:16490  USPATFULL
TI    SYSTEM FOR PROVIDING A VIDEO DISPLAY HAVING DIFFERING VIDEO
      DISPLAY FORMATS
IN    Coombe, Thomas R., Berlin, NJ, United States
PA    Reuters Limited, London, England (non-U.S. corporation)
PI    US 3801961  740402
AI    US 71-145858  710521 (5)
DT    Utility
LN.CNT 2139
INCL  INCLM: 340/154.000
      INCLS: 340/324.000AD
NCL   NCLM:  345/023.000
      NCLS:  345/027.000
IC    [1]
      ICM: G06F003-14
EXF   340/324A; 340/154

AN    72:19150  USPATFULL
TI    DATA HANDLING APPARATUS
IN    Belcher, Richmond D., Thornwood, NY, United States
      Duggan, Robert J., Bronx, NY, United States
      Ellis, George R., Trumbull, CT, United States
      Esslinger, Robert H., Wilton, CT, United States
      Goodyear, W. Frederick, Westport, CT, United States
      Marshall, Joseph C., Chappaqua, NY, United States
      Masone, Thomas R., Stamford, CT, United States
PA    The Bunker-Ramo Corporation, Oak Brook, IL, United States
PI    US 3656148  720411
AI    US 69-839099  690225 (4)
RLI   Division of Ser. No. US 65-460117, filed on 1 Jun 1965, now
      patented, Pat. No. US 3500327 Continuation-in-part of Ser. No. US
      64-370323, filed on 26 May 1964, now abandoned
DT    Utility
LN.CNT 1609
INCL  INCLM: 340/324.000A
      INCLS: 340/154.000
NCL   NCLM:  345/002.000
      NCLS:  340/825.270; 345/012.000; 345/026.000; 345/141.000
IC    [1]
      ICM: G06F003-14
EXF   340/324A; 340/334; 340/154; 340/152; 340/146.3; 178/15

AN    71:19128  USPATFULL
TI    SOLENOID CONTROLLED VALVE AND ARMATURE WITH ADJUSTABLE BIAS
IN    Haolloman, Charles J., Stamford, CT, United States
PA    Trans-lux Corporation, New York, NY, United States
PI    US 3589672  710629
AI    US 69-834568  690218 (4)
RLI   Division of Ser. No. US 66-600900, filed on 12 Dec 1966, now
      patented, Pat. No. US 3482344
DT    Utility
LN.CNT 643
INCL  INCLM: 251/129.000
      INCLS: 251/137.000
NCL   NCLM:  251/129.160
IC    [1]
      ICM: F16K031-06
EXF   251/129; 251/299; 251/137

=> s 130 and ticker        , _#_ /        5339,392

Clm 10 + ?

          197 TICKER
L32        1 L30 AND TICKER

=> d kwic

US PAT NO:     **5,339,392** [IMAGE AVAILABLE]        L32: 1 of 1

SUMMARY:

BSUM(6)

 An .  .  . displays of real time data in user definable style, e.g.,
color, font, background, pen size etc. and format, e.g., quote,
**ticker**, graph etc., alarms, and alarm scripts, i.e., user defined
scripts of commands to be processed (much like a word processing.  .  .

SUMMARY:

BSUM(8)

 The .  .  . to information from any source including other programs
running on the same host 0 or somewhere else on the network, **ticker**
plants, information services or databases. In the preferred embodiment,
the program can support data feeds from Reuters Market Feed 2000/IDN,
Telekurs **Ticker**, CMQ Telerate MarketFeed, Canquote, and Quotron. In
addition, the program (known commercially as the MarketSheet.TM. facility
or program) can accept..  .  .

SUMMARY:

BSUM(9)

 In .  .  . user. For example, a brief style displays only the price
where a comprehensive style displays all the available fields. A
**ticker** tool can be used as a selective or block **ticker**, and can
show data in any display style. Upticks and Downticks can be shown in
color and volume information can.  .  .

DETDESC:

DETD(7)

 The middle of the display also shows an instance 20 of a **ticker**
class Active Object showing all trades in a specified set of issues that
exceed a minimum volume set by the user. This particular criteria for
display was programmed by the user using the **ticker** tool represented
by icon 19.

DETDESC:

DETD(10)

 "Active .  .  . displays of real time data in user definable style,
e.g., color, font, background, pen size etc. and format, e.g., quote,

**ticker**, graph et(•)alarms, and alarm scripts, i.(•)user defined
scripts of commands to be processed (much like a word processing.   .   .

DETDESC:

DETD(27)

  The **ticker** tool is a continuously shifting display of trades in a
specified list of issues. In addition to attributes, the dialog box for a
**ticker** displays the current list of securities being tracked and some
commands for manipulating the list. The dialog box is used to change or
add to the securities on the list. The **ticker** attributes are:

DETDESC:

DETD(29)

  Adds .  .  . is completed with a mouse click on the OK button. Another
subscription can be entered with another click on the **Ticker** icon 19.

DETDESC:

DETD(35)

  Replaces the current **ticker** list with a copy of the one from another
**ticker**. A dialog box will pop up requesting the name of the source
**ticker**.

DETDESC:

DETD(37)

  Like Copy From but adds to the current **ticker** list instead of
replacing it.

DETDESC:

DETD(42)
The subscription entry dialog for the **ticker** tool is as follows:

DETDESC:

DETD(45)

  **Ticker** Style (list)

DETDESC:

DETD(46)

  Used to select the display format for trades or updates to the
**ticker** subscription instance. There are generally several styles,
similar to those defined for the Quote object. The styles are generally
different.   .   .

DETDESC:

DETD(51)

  Composite .  .  . can be created simply by entering for the symbol a
period followed by the name of the exchange code. The **ticker** object
will then show every update reported by the feed on that exchange.

DETDESC:

The **ticker** object will show new data each time it receives an update from the data feed which includes either a new. . . appear when there is a change of the bid price, ask price, or the volume field. In this way, the **ticker** can handle information from source which do not have the standard field, such as output from the Shredder, an application. .
.

DETDESC:

DETD(217)

Referring . . . is usually the data returned after a request generated by the creation of an Active Object such as a quote, **ticker**, graph etc.

DETDESC:

DETD(234)

The . . . from the Teknekron Information Bus.TM. (TIB.RTM.) component, a powerful suite of communication protocols that separate information sources, like MarketFeed 2, **Ticker** III, or Telerate TDPF from information consumers, like the MARKETSHEET.RTM. software or Teknekron's Real Time Spreadsheet. This means the user. . .

DETDESC:

DETD(254)

Each Quote and **Ticker** object uses a display style to format its output. These display styles indicate which fields to show (symbol, price, bid,. . .

DETDESC:

DETD(265)

**Ticker**

DETDESC:

DETD(266)

Tickers . . . scroll as the subjects change in real-time. The user can specify the securities and exchanges to be included in the **ticker** . and set volume thresholds.

DETDESC:

DETD(293)

The . . . detail) and a fragment of the Reuters WRLD page. Near the bottom of the sheet are a button and a **ticker**.

DETDESC:

DETD(431)

The . . . entered, all selected objects will be renamed. Another use of the Name command is to assign a name to a **ticker** so that its selection list can be copied when defining other tickers.

DETDESC:

. . .

PublisherP.h
Quote.c
Quote.h
QuoteP.h
Reader.c
Subscription.c
Subscription.h
SubscriptionP.h
TBAxis.c
TBAxis.h
TBAxisP.h
TBGraphData.c
TBGraphData.h
TBGraphDataP.h
TBGraphView.c
TBGraphView.h
TBGraphViewP.h
Table.c
Table.h
TableP.h
**Ticker**.c
**Ticker**.h
TickerP.h
TimeGrid.c
TimeGrid.h
TimeGridP.h
bits.arrow
bits.button
bits.clone
bits.dsgraph
bits.fragment
bits.global
bits.grid
bits.label
bits.publisher
bits.quote
bits.table
bits.tbgraph
bits.**ticker**
bricks.bits
button.c
dsgraph.c
files.c
fragment.c
global.c
items.c
label.c
menus.c
mondrian.bits
meney.bits
ms.h
ms23.c
msDefaults.cf
msEmpty.cf
msNTIB .RTM..cf
page.h
pagehandler.c
pagemap.c
pagemap.h
publisher.c
quote.c
script.c

```
sheets.c
stylemap.c
stylemap.h
table.c
tbgraph.c
TIB .RTM..c
TIB .RTM..h
ticker.c
time.c
```
Makefile for Second Phase (using GNUmake program):
```
objects =
        Reader.o Manager.o PlaneMgr.o TimeGrid.o
        CharGrid.o Box.o Button.o
        TIB .RTM..o time.o menus.o sheets.o items.o tools.o
        files.o
        script.o stylemap.o label.o Subscription o.
        Quote.o quote.o
        Ticker.o ticker.o pagemap.o pagehandler.o
        Fragment.o fragment.o
        TBAxig.o TBGraphView.o TBGraphData.o
        tbgraph.o DSAxig.o
        DSGraphView.o
        DSGraphData.o dsgraph.o Publisher.o
publisher.o
.   .   .
```

DETDESC:

DETD(630)

 Subject .  .  . need for programming changes when something else
changes like changes in the service providers, e.g., a change from IDN to
**Ticker** 3 for equity prices. All data is provided through a single,
uniform interface to client applications. A programmer writing a.  .  .

DETDESC:

DETD(820)

 The .  .  . at the service level. Also, it insulates the program from
changes in service providers (e.g., a switch from IDN to **Ticker** 3 for
equity prices). Second, the SASS presents all data through a simple
uniform interface: a programmer needing information supplied.  .  .

DETDESC:

DETD(1193)

 The .  .  . by block 900 where a composition command is issued to
create a display object such as a quote object, a **ticker** etc. While
the discussion herein assumes that the display object being created is a
quote object, the process described herein.  .  .

DETDESC:

DETD(1209)

 Referring .  .  . is represented to the user as a displayed object
within his or her "living document", e.g., a quote object or **ticker**
object. The update may the latest price of the particular stock, bond
etc. or some other real time aspect of.  .  .

*Claim 8*

US PAT NO:    **5,339,392** [IMAGE AVAILABLE]        L31: 1 of 1

SUMMARY:

BSUM(7)

The . . . a sheet to display a particular display object is not critical to the invention. A mouse, trackball, digitizer, keyboard, voice **processor** and map coordinate system, touchscreen, or any other present or future device may be used such as a thought **processor**.

DETDESC:

DETD(205)

A script **processor** 86 interprets the commands of scripts entered by a user defining the desired processing to be performed in the case. . . a button or a real time data update which exceeds an alarm limit programmed by the user. Basically, the script **processor** handles requests to process scripts generated by the instances of the Active Objects programmed onto the various Sheets by the. . .

DETDESC:

DETD(213)

The Active Object 100 tells the Display Object 106 what Style Map to use. Then a style **processor** (not shown) in 25 and the Display Object do the work of extracting the proper data from the Data Object. . .   be displayed for this Active Object in the location on the current Sheet specified by the user and a style **processor**. This internal representation is sent to the screen rendering system by the style **processor** to actually draw the display seen by the user. The style **processor** is actually implemented in a library and the Display Object 106 contains a pointer to this library and receives a pointer to the style map 104 such that the Data Object can be processed by the style **processor** library programs in 5 accordance with the style map.

DETDESC:

DETD(214)

The . . . document on the network, etc. The commands in the scripting language generally include all the commands understood by the script **processor** as well as commands defined by the user and can, in some embodiments, include commands to the operating system, the high level network interface or other processes running on the network. Generally the commands understood by the script **processor** will include the name of the object, the desired operation and an argument, i.e., what value to set etc.

DETDESC:

DETD(216)

Referring to FIG. 8, there is shown a flow chart of the processing performed by the style **processor** for each) Active Object upon the

occurrence of a ● update event. A data update ● it, represented at
112 causes the style **processor** in the Display Object 106 in step 114
to extract the values from the user specified fields from Data Object. .
. to the screen rendering system to render the Display Object 106 in the
preferred embodiment. In other embodiments, the style **processor**
itself can send the commands to the screen rendering system.

DETDESC:

DETD(217)


 Referring . . . the left are shown symbols for some of the input
event generators. User events can be generated using a voice
**processor** 124, a keyboard 126, a mouse 128, or a touchscreen 130 or
any other user manipulated device. Other input events. . .

DETDESC:

DETD(222)


 Some . . . a case, the local dispatcher of the Active Object making
the transition into the alert state will invoke a script **processor**
154 and send the user specified script for the appropriate alarm event to
the script **processor**. The script **processor** then processes the
script to carry out the commands specified in the script in the order
specified in the script. If one of the commands in the script is to
change a color or a font, the script **processor** will call the style
map of the Active Object specified in the script (it may be different
than the Active. . . processing) and update the style map of that
Active Object. If the script calls for publishing some data, the style
**processor** calls the high level network interface 90, invokes a
publish function and sends the appropriate data to be published on. . .
through an operating system call 158, and can invoke other applications
160 running in the same environment. Further, the script **processor**
may also cause; the other application to perform some function and may
even cause the other application to access the. . .

DETDESC:

DETD(224)


 The script **processor** 154 may also be called by the menu objects 56
or the dialogue boxes 60. This allows the; user to. . .

DETDESC:

DETD(513)


 Each of the host **processors** 210 and 212 is also programmed with a
library of programs, which together comprise the communication interfaces
220 and 222,. . .

DETDESC:

DETD(598)


 Referring . . . is linked to the network 214 and to the communication
library 230A. There is typically one communication daemon per host
**processor**. This host **processor** is shown at 430 in FIG. 35 but is
not shown at all in FIG. 36. Note that in FIG.. . . 35, unlike the
situation in FIG. 21, the client applications 216 and 218 are both
running on the same host **processor** 430. Each client application is
linked to its own copies of the various library programs in the
communication libraries 230A. . .

DETDESC:

DETD(599)

The communication daemons on the various host **processors** cooperate among themselves to insure reliable, efficient communication between machines. For subject addressed data, the daemons assist in its efficient. . .

DETDESC:

DETD(608)

The . . . or service instances filter the data by subject before it is placed in the network thereby conserving network bandwidth, input/output **processor** bandwidth and overhead processing at the receiving ends of communication links.

DETDESC:

DETD(615)

The . . . protocol is that it can switch dynamically from point-to-point transmission to broadcast transmission in order to optimize the network and **processor** load. The switch from point-to-point to broadcast (and vice-versa) is transparent to. higher-level protocols. This transport protocol allows the support. . .

DETDESC:

DETD(624)

Network . . . 230B in FIG. 35. The intelligent multicast protocol makes the most efficient use of limited resources of network and I/O **processor** bandwidth by performing automatic, dynamic switch over from point to point communication protocols to broadcast protocols when necessary. For example,. . .

DETDESC:

DETD(783)

The . . . linked with each application, and a back end TIB.RTM. communication daemon process, for which there is typically one per host **processor**. Note that this functional split between TIB.RTM. library and TIB.RTM. daemon is completely transparent to the application. In fact, the. . .

DETDESC:

DETD(801)

The . . . intelligent multicast protocol implemented in the DCC. This protocol attempts to optimize the limited resources of both network bandwidth and **processor** I/O bandwidth by providing automatic, dynamic switchover from point-to-point communication protocols to broadcast protocols. For example, the protocol may provide. . .

DETDESC:

DETD(818)

Support . . . interest to any application can simply be discarded prior to placing in on the network; thereby, conserving network bandwidth and **processor** I/O bandwidth.

DETDESC:

DETD(842)

The . . . protocol is that it can dynamically switch from point-to-point transmission to broadcast transmission in order to optimize the network and **processor** load. The switch from point-to-point to broadcast (and vice versa) is transparent to higher-level protocols. This protocol admits the support. . .

CLAIMS:

CLMS(35)

35. The apparatus of claim 34 wherein said program in execution includes a script **processor** program which causes said computer to execute a script comprised of a series of commands selected by said user when. .

```
==================================================================
*                                                                *
*   Cover Sheet                                                   *
*                                                                *
==================================================================


      ***  RE:08736149 ***


------------------------------------------------------------------
*                                                                *
*    Prepared for: Anthony Blackman                              *
*                                                                *
*    By          : Nancy Matthes                                 *
*                                                                *
*    Date        : November 25, 1998                            *
*                                                                *
------------------------------------------------------------------
```

Here are the results of your search. If you would like me to try another
strategy, please let me know.

Thank you
Nancy
306-4515

```
File    8:Ei Compendex(R) 1970-1998/Dec W2
           (c) 1998 Engineering Info. Inc.
File   77:Conference Papers Index 1973-1998/Nov
           (c) 1998 Cambridge Sci Abs
File  238:Abs. in New Tech & Eng. 1981-1998/Oct
           (c) 1998 Reed-Elsevier (UK) Ltd.
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           (c) 1998 Info. Access Co.
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           (c) 1998 The New York Times
File  481:Delphes Eur Bus 80-1998/NOV W2
           (c) 1998 ACFCI & Chambre Comm Ind Paris
File  474:New York Times Abs 1969-1998/Nov 23
           (c) 1998 The New York Times
```

Biblit

Nothing relevant

| Set | Items | Description |
|-----|-------|-------------|
| S1 | 5723 | ((TICKER OR TRADING OR STOCK)(2N)(SYMBOL? ?)) OR TRADE()IN-FORMATION? |
| S2 | 140100 | LOGO? ? OR ENSIGNIA? ? OR SYMBOL? ? OR LABEL? ? OR EMBLEM? ? |
| S3 | 15973 | (MANY OR MULTIPLE OR PLURAL OR SEVERAL OR NUMEROUS OR MULTITUDE)(5N)(MONITOR? ? OR SCREEN? ? OR VIDEO? ? OR DISPLAY? ?) |
| S4 | 1454 | (VIDEO? ? OR MONITOR? ? OR MEDIA? ?)(2N)WALL? ? |
| S5 | 219453 | (FINANCIAL OR STOCK)(2N)(DATA OR EXCHANGE? ? OR MARKET? ? - OR TICKER? ? OR SYMBOL? ? OR INFORMATION?) |
| S6 | 224610 | S1 OR S5 |
| S7 | 1561 | S6 AND S2 |
| S8 | 0 | S7 AND (S3 OR S4) |
| S9 | 95 | S6 AND LOGO? ? |
| S10 | 3 | S6(10N)LOGO? ? |
| S11 | 8955 | S2 NOT (LABEL? OR SYMBOL?) |
| S12 | 29 | S11(20N)(GRAPHIC?)(2N)(SYMBOL? OR DISPLAY?) |
| S13 | 1 | S12 AND (S3 OR S4) |
| S14 | 0 | S1 AND S11 AND S4 |
| S15 | 94 | S5 AND S11 |
| S16 | 0 | S12 AND S6 |
| S17 | 0 | S15 AND S1 |
| S18 | 3332 | S11/TI |
| S19 | 16 | S18 AND S5 |

```
File   15:ABI/INFORM(R) 1971-1998/Nov 23
          (c) 1998 UMI
File    9:Business & Industry(R) Jul 1994-1998/Nov 24
          (c) 1998 Resp. DB Svcs.
File  647:CMP  Computer Fulltext 1988-1998/Nov W1
          (c) 1998 CMP
File  674:Computer News Fulltext 1989-1998/Nov W4
          (c) 1998 IDG Communications
File  275:IAC(SM) Computer Database(TM) 1983-1998/Nov 24
          (c) 1998 Info Access Co
File   47:Magazine Database(TM) 1959-1998/Nov 24
          (c) 1998 Information Access Co.
File   16:IAC PROMT(R) 1972-1998/Nov 24
          (c) 1998 Information Access Co.
File  148:IAC Trade & Industry Database 1976-1998/Nov 24
          (c) 1998 Info Access Co
File  624:McGraw-Hill Publications 1985-1998/Nov 18
          (c) 1998 McGraw-Hill Co. Inc
File  696:DIALOG Telecom. Newsletters 1995-1998/Nov 24
          (c) 1998 The Dialog Corp.
File  370:Science 1996-1998/Oct W1
          (c) 1998 AAAS
File  583:IAC Globalbase(TM) 1986-1998/Nov W4
          (c) 1998 Information Access Co.
File  621:IAC New Prod.Annou.(R) 1985-1998/Nov 24
          (c) 1998 Information Access Co
File  635:Business Dateline(R) 1985-1998/Nov 23
          (c) 1998 UMI
File  610:Business Wire 1986-1998/Nov 24
          (c) 1998 Business Wire
File  553:Wilson Bus. Abs. FullText 1982-1998/Oct
          (c) 1998 The HW Wilson Co
File  609:Bridge World Markets News 1989-1998/Nov 24
          (c) 1998 Bridge
```

Fulltext

```
Set      Items    Description
S1       97750    ((TICKER OR TRADING OR STOCK)(2N)(SYMBOL? ?)) OR TRADE()IN-
                  FORMATION?
S2     1128871    LOGO? ? OR ENSIGNIA? ? OR SYMBOL? ? OR LABEL? ? OR EMBLEM?
                  ?
S3      108555    (MANY OR MULTIPLE OR PLURAL OR SEVERAL OR NUMEROUS OR MULT-
                  ITUDE)(5N)(MONITOR? ? OR SCREEN? ? OR VIDEO? ? OR DISPLAY? ?)
S4        5872    (VIDEO? ? OR MONITOR? ? OR MEDIA? ?)(2N)WALL? ?
S5     1657294    (FINANCIAL OR STOCK)(2N)(DATA OR EXCHANGE? ? OR MARKET? ? -
                  OR TICKER? ? OR SYMBOL? ? OR INFORMATION?)
S6     1697142    S1 OR S5
S7      169839    S6(10N)S2
S8         312    S7 NOT (LABEL? OR SYMBOL?)
S9           0    S8(30N)(S3 OR S4)
S10          0    S8(50N)(S3 OR S4)
S11          7    S8 AND (S3 OR S4)
S12          0    S8(50N)(GRAPHIC?)(2N)(SYMBOL? OR DISPLAY?)
S13          0    S8 AND (GRAPHIC?)(2N)(SYMBOL? OR DISPLAY?)
S14       1016    S6(S)(S3 OR S4)
S15        117    S6(S)S4
S16          0    S15 AND S8
S17         11    S15(S)GRAPHIC?
S18        826    S6(10N)LOGO? ?
S19          1    S18(10N)SCROLL?
S20          1    S19 NOT S17
S21        121    S6(5N)(S3 OR S4)
S22          0    S21(10N)LOGO? ?
```

17/3,K/1        (Item 1 from file: 15)
DIALOG(R)File   15:ABI/INFORM(R)

01498335                                        01-49323
**The great wall wars**
Sales, Robert
Wall Street & Technology  Product Digest Supplement  PP: 24-27  Fall 1997
ISSN: 1060-989X  JRNL CODE: WSC
AVAILABILITY: Fulltext online. Photocopy available from ABI/INFORM 15851.00
WORD COUNT: 1889

...ABSTRACT: Trans-Lux Corp. has clearly established itself as the dominant
vendor of price displays at **exchanges** , other **financial** institutions -
such as brokerage houses and banks - are increasingly considering
alternatives to LED technology. Imtech Corp. has made a big splash in the
 **financial** services **market** earlier in 1997 when it unveiled MarketSite -
a giant **video**   **wall** display it built for Nasdaq. One capability that
Imtech has - and which Trans-Lux is...

... picture wall technology, Trans-Lux can deliver news headlines, special
internal messages and charting and **graphic** capability - but the vendor
has yet to master the ability to deliver full motion video.


17/3,K/2        (Item 1 from file: 9).
DIALOG(R)File   9:Business & Industry(R)  Jul

01829072 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**brand builders: Bright Board, Big Logos**
**(The Nasdaq Stock Market develops a catchy big board, MarketSite, with**
 **bright colors and big logos, making it more accessible)**
Brandweek, v 38, n 19, p 22+
May 12, 1997
DOCUMENT TYPE: Journal  ISSN: 1064-4318  (United States)
LANGUAGE: English  RECORD TYPE: Fulltext
WORD COUNT:  679

ABSTRACT:
The Nasdaq **Stock   Market** has developed a catchy big board, MarketSite,
with bright colors and big logos, which makes...

...created a TV studio in its New York, NY, offices that includes a 55-ft
**wall** of **monitors** designed to provide a state-of-the-art setting for
broadcast financial news organizations. Both...

...developed so that actively traded stocks, for example, can be singled
out and displayed with **graphics** that show, via a color line-graph, the
hour by hour movement of the stock...


17/3,K/3        (Item 1 from file: 621)
DIALOG(R)File 621:IAC New Prod.Annou.(R)

01014508                                        53225445

**COMDEX Fall Exhibitor News Summary Through Nov. 16; Part Two of Four.**

Business Wire
Nov 17, 1998   WORD COUNT:  1020

...0 with OLAP
Services; Company's Product Development Efforts to Bring Power of OLAP
to **Financial** Users

 **Data** General First to Guarantee 99.9% Uptime for Microsoft SQL Server

Canada NewsWire

April 4, 1997, Friday

SECTION: Financial News

LENGTH: 437 words

HEADLINE: Attention Television News Directors/Business Reporters: NASDAQ VIDEO NEWS RELEASE VIA SATELLITE

DATELINE: TITLE: NASDAQ LAUNCHES MARKETSITE -- Computer graphics clearly present stock market  activity...Innovative ticker displays familiar, easy to

   identify corporate  logos.
   TORONTO, April 4

BODY:

   The innovative facility, a 55 foot by eleven foot installation of 100 monitors and 75 Pentium processors, is linked to real-time market  data  and

*Software*

| Set | Items | Description |
|-----|-------|-------------|
| S1 | 26 | ((TICKER OR TRADING OR STOCK)(2N)(SYMBOL? ?)) OR TRAD! FORMATION? |
| S2 | 3560 | LOGO? ? OR ENSIGNIA? ? OR SYMBOL? ? OR LABEL? ? OR EM ? |
| S3 | 1295 | (MANY OR MULTIPLE OR PLURAL OR SEVERAL OR NUMEROUS OI ITUDE)(5N)(MONITOR? ? OR SCREEN? ? OR VIDEO? ? OR DISPL: |
| S4 | 6 | (VIDEO? ? OR MONITOR? ? OR MEDIA? ?)(2N)WALL? ? |
| S5 | 1799 | (FINANCIAL OR STOCK)(2N)(DATA OR EXCHANGE? ? OR MARKET? ? - OR TICKER? ? OR SYMBOL? ? OR INFORMATION?) |
| S6 | 1811 | S1 OR S5 |
| S7 | 63 | S6 AND S2 |
| S8 | 23 | S7 NOT SYMBOL? |
| S9 | 6 | S8 NOT LABEL? ? |
| S10 | 19 | S6(50N)(GRAPHIC?)(2N)(SYMBOL? OR DISPLAY?) |
| S11 | 10 | RD S10 (unique items) |

11/3,K/2     (Item 1 from file: 256)

00108523          DOCUMENT TYPE:  Review

**PRODUCT NAMES:  Unwired Planet   (711233)**

**TITLE:  Squeezing Web Data**
AUTHOR:  Whelan, Carolyn
SOURCE:  Electronic News,    v44 n2208   p46(2) Mar 2, 1998
ISSN: 1061-6624
HOMEPAGE:  http://www.interport.net/enews

RECORD TYPE:  Review
REVIEW TYPE:  Product Analysis
GRADE:  Product Analysis, No Rating

REVISION DATE:  980930

...service, corporate customers use Unwired's software to construct or
change Web pages with limited **graphics**  and text. The software pares down
information requested by a user, to eliminate unneeded **graphics**  and
content, and sends it on a regular basis to the user's phone. A
data-enabled phone can support bit-mapped **graphics**  or **display**  text
only, and this content is converted to between four and 10 lines of text
between 12 and 20 characters wide on the screen. Types of **information**
available include **stock** quotes, traffic and weather reports, directories,
and movie and flight information. Among other functions, the...

...allows users to, for example, prioritize voice mail, because all
messages are listed on the **display** .  The technology operates like a
networked computer to split a browser and put a small...


 11/3,K/3     (Item 2 from file: 256)

00104950          DOCUMENT TYPE:  Review

**PRODUCT NAMES:  Microsoft Money Financial Suite Windows 95 & NT Beta
(673927); Quicken Suite 98 Windows 95 & NT Beta   (673935)**

**TITLE:  Don't Bank on This Financial Pair (Yet)**
AUTHOR:  Patz, Joel T.
SOURCE:  Windows Magazine,    v8 n12   p112(2) Dec 1997
ISSN: 1060-1066
HOMEPAGE:  http://www.winmag.com

RECORD TYPE:  Review
REVIEW TYPE:  Review
GRADE:  C

REVISION DATE:  980830

...chart. However, the Web link drastically impacts program performance.
Money also had trouble connecting to **stock**  **symbols** , while Quicken did
so easily, and returned likely matches to information entered in a query...
...and mutual fund price quotes, but Quicken only provides a week's worth.
Money's **graphical**  user interface (GUI) suffers from a simplistic main
menu, hides some often-performed tasks, and...


 11/3,K/4     (Item 3 from file: 256)

00054053          DOCUMENT TYPE:   Review

**PRODUCT NAMES:   Graphics for Science & Engineering   (830368)**

**TITLE:   Modern Science**
AUTHOR:   Hayes, William P.
SOURCE:   Workstation News,     v4 n7   p16(3) Jul 1993
ISSN: 1049-491X

RECORD TYPE:   Review
REVIEW TYPE:   Product Analysis
GRADE:   Product Analysis, No Rating

REVISION DATE:   940330

...product that is no longer limited to use by engineers and scientists.
Its ability to **display**  data is in great demand for such applications as
**financial   data**  analysis and trend-spotting. VDA is a discovery tool for
many professionals. For example, NASA first began using it to make data
analysis straightforward for engineering professionals. Users must first
**display**  data, in order to begin a search for patterns. Data are then
reorganized into smaller...

...succession. Effective VDA environments require data manipulation and
management, development tools, GUIs, numerics, visualization, presentation
**graphics** , platforms, and networks.


 **11/3,K/5      (Item 4 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00041414          DOCUMENT TYPE:   Review

**PRODUCT NAMES:   Metaphor Mixer   (406759); Capri   (902316); WorldToolKit
(406741)**

**TITLE:   Big Money in Cyberspace**
AUTHOR:   Staff
SOURCE:   CyberEdge Journal,     v11   p13(1) Sep/Oct 1992
ISSN: 1061-3099
HOMEPAGE:   http://www.cyberedge.com

RECORD TYPE:   Review
REVIEW TYPE:   Product Analysis
GRADE:   Product Analysis, No Rating

REVISION DATE:   940330

...virtual reality software that permits financial managers to physically
interact with a world comprised of **financial   markets** , stocks, and
equities. The PC-based system, appropriately dubbed Metaphor Mixer, was
developed using Sense8's WorldToolKit and visually **displays**  as many as
10,000 stocks at once, with an update rate of twenty frames per second.
Maxus intends to market the system as an idea generator, which provides
**graphical**  representations of the complex interrelationships of **financial
 markets** . Metaphor Mixer is currently being used to manage a $106 billion
college teachers' pension fund...


 **11/3,K/6      (Item 5 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00039951          DOCUMENT TYPE:   Review

**PRODUCT NAMES:   Company - NeXT Software Inc   (850632)**

TITLE: Next To Join OMG At Object World
AUTHOR: Richman, Dan
SOURCE: Open Systems Today,     v102   p4(1) Jul 20, 1992
ISSN: 1061-0839

RECORD TYPE: Review
REVIEW TYPE: Company

REVISION DATE: 960531

...users and contains communications objects and device drivers; database
systems and objects; education and training; **financial**  analysis;
**information  display** ; multimedia; networking; telecommunications and
ISDN; publishing, **graphics**  and three-dimensional objects; and
user-interface objects.


 **11/3,K/7      (Item 6 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00037980         DOCUMENT TYPE:  Review

**PRODUCT NAMES:  Carbon Copy for Windows   (359211); Lotus Notes   (702137);
1-2-3   (004738); Harvard Graphics for Windows  (349933); NetWare   (699683)**

TITLE:  **Lotus Notes Can Ease the Process of Corporate Globalization**
AUTHOR:  LaPlante, Alice·
SOURCE:  InfoWorld,     v14 n27  p60(1) Jul 6, 1992
ISSN: 0199-6649
HOMEPAGE:  http://www.infoworld.com

RECORD TYPE:  Review
REVIEW TYPE:  Product Analysis
GRADE:  Product Analysis, No Rating

REVISION DATE:  980830

...Windows, for training and support; a homegrown EIS, which uses 1-2-3 and
Harvard **Graphics**  for Windows; a NetWare LAN. Managers can download
mainframe **financial    data**  to an IBM PS/2 Model 70 and **display**  it
**graphically**  as needed. Forbes is encouraged by his colleagues' positive
reception to groupware concepts; he plans...


 **11/3,K/8      (Item 7 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00033179      _  DOCUMENT TYPE:  Review

**PRODUCT NAMES:  XRT/graph 1.2   (338761)**

TITLE:  **KL Group's XRT/graph widget**
AUTHOR:  Staff
SOURCE:  X Journal,     v1 n4  p81(2) Mar/Apr 1992
ISSN: 1056-7003

RECORD TYPE:  Review
REVIEW TYPE:  Product Analysis
GRADE:  Product Analysis, No Rating

REVISION DATE:  950401

XRT/Graph 1.2, a graphing widget for X applications, plots **graphics**
files. Developers can use the combined **graphics**  library and graph builder
to produce dynamic graphs and charts for scientific, financial, and related

...

...is X11R4 compatible, based on and integrated with the Motif toolkit. It extends Motif by **displaying** data in such formats as basic X-Y plots, bar, stacking bar, and pie charts. The graphs are fast enough for many real-time applications, allowing **display** of dynamic input such as scientific **data** and **stock** prices, along with static data from database queries. The article describes how XRT/Graph provides...

**11/3,K/9      (Item 8 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00028605          DOCUMENT TYPE:  Review

**PRODUCT NAMES:  Open Look-Sun X-view  (237434); UNIX  (699675)**

**TITLE:  Boston Exchange Looks to Unix**
AUTHOR:  Krill, Paul
SOURCE:  UNIX Today!,     v77  p44(1) Aug 5, 1991
ISSN: 1040-5038

RECORD TYPE:  Review
REVIEW TYPE:  Product Analysis
GRADE:  Product Analysis, No Rating

REVISION DATE:  980730

The Boston **Stock    Exchange** is purchasing UNIX workstations to increase its trading capacity as well as keep its hardware...

...solution just didn't have UNIX's communications features. X-Windows and the Open Look **graphical** user interface **display** market data, trading information, limit order books, and trading activity. The network lets Exchange members...

**11/3,K/10      (Item 9 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)1998 Info.Sources Inc. All rts. reserv.

00021503          DOCUMENT TYPE:  Review

**PRODUCT NAMES:  Wealthbuilder 1.1  (228524)**

**TITLE:  Can Software Help You Get Rich?**
AUTHOR:  Kleinholz, Lisa
SOURCE:  Home Office Computing,     v8 n8  p30(2) Aug 1990
ISSN: 0899-7373
HOMEPAGE:  http://www.smalloffice.com

RECORD TYPE:  Review
REVIEW TYPE:  Review
GRADE:  B

REVISION DATE:  970228

...g. stocks, treasury bills, certificates of deposit). WealthBuilder features a comprehensive database, which includes extensive **financial data** , and a portfolio manager that tracks specific investments. Some problems with file handling and **graphics    display** were encountered, but overall, WealthBuilder is a good package with solid financial management capabilities.
?

European
Patent
File

| Set | Items | Description |
|-----|-------|-------------|
| S1 | 9 | ((TICKER OR TRADING OR STOCK)(2N)(SYMBOL? ?)) OR TRADE FORMATION? |
| S2 | 38831 | LOGO? ? OR ENSIGNIA? ? OR SYMBOL? ? OR LABEL? ? OR EMB! ? |
| S3 | 7243 | (MANY OR MULTIPLE OR PLURAL OR SEVERAL OR NUMEROUS OR ! ITUDE)(5N)(MONITOR? ? OR SCREEN? ? OR VIDEO? ? OR DISPLAY |
| S4 | 290 | (VIDEO? ? OR MONITOR? ? OR MEDIA? ?)(2N)WALL? ? |
| S5 | 549 | (FINANCIAL OR STOCK)(2N)(DATA OR EXCHANGE? ? OR MARKET. . OR TICKER? ? OR SYMBOL? ? OR INFORMATION?) |
| S6 | 551 | S1 OR S5 |
| S7 | 5 | S6(S)(S3 OR S4) |
| S8 | 29 | S6(S)S2 |
| S9 | 0 | S8 NOT (LABEL? OR SYMBOL?) |
| S10 | 0 | S6(15N)(GRAPHIC?(2N)SYMBOL? ?) |

00765777
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
**Method and apparatus for video data management**
**Verfahren und Gerat zur Videodatenverwaltung**
**Methode et appareil pour la gestion de donnees video**
PATENT ASSIGNEE:
  SIEMENS CORPORATE RESEARCH, INC., (1621440), 755 College Road East,
    Princeton, New Jersey 08540, (US), (applicant designated states:
    DE;FR;GB)
INVENTOR:
  Benson, Daniel C., 28 Devon Avenue, Lawrenceville, New Jersey 08648, (US)
  Pizano, Arturo A., 34 Ketcham Road, Belle Mead, New Jersey 08502, (US)
  Arman, Farshid, 5 Kiernan Way, Hamilton, New Jersey 08690, (US)
  Depommier, Remi, 4-08, Fox-Run Drive, Plainsboro, NJ 08536, (US)
LEGAL REPRESENTATIVE:
  Litchfield, Laura Marie et al (85541), Haseltine Lake & Co. Imperial
    House 15-19 Kingsway, London WC2B 6UD, (GB)
PATENT (CC, No, Kind, Date):  EP 719046  A2  960626 (Basic)
                                     EP 719046  A3  971126
APPLICATION (CC, No, Date):   EP 95116066 951011;
PRIORITY (CC, No, Date): US 346453 941129
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: H04N-007/173; G06F-017/30;

ABSTRACT EP 719046 A2
    A computer-implemented method for use by a viewer for the management
of video data in a stored video stream, the video stream including a
plurality of video shots wherein each shot comprises a sequence of
frames, the comprises defining and storing in memory on a frame-sequence
axis a time-based model of the video stream; defining and storing in
memory on the frame-sequence axis at least one of a space-based model of
the video stream, an object-based model of the video stream, and an
event-based model of the video stream. The method further comprises
selectively scanning through such of the models as have been defined;
identifying time, space, object, and/or event segments of interest in
such of the models as have been defined; and selecting for viewing
portions of the video stream associated with the segments of interest.
    (see image in original document)
ABSTRACT WORD COUNT: 164

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application:      960626 A2 Published application (A1with Search Report
                                ;A2without Search Report)
 Search Report:    971126 A3 Separate publication of the European or
                                International search report
 Change:          971126 A2 Obligatory supplementary classification
                                (change)
 Change:          980527 A2 Representative (change)
 Examination:      980715 A2 Date of filing of request for examination:
                                980519
 Change:          980722 A2 Representative (change)
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|---|---|---|---|
| CLAIMS A | (English) | EPAB96 | 2388 |
| SPEC A | (English) | EPAB96 | 5983 |
| Total word count - document A | | | 8371 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 8371 |

00594588
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
**Light tree display for a horizontal carousel**
**Leuchtanzeige fur waagerechte Forderanlage**
**Dispositif d'affichage lumineux pour installation d'acheminement horizontale**
PATENT ASSIGNEE:
  Constructor Lagertechnik GmbH, (2114870), Alte Papiermuhle 25, 51688
    Wipperfurth, (DE), (applicant designated states:
    AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)
INVENTOR:
  Murphree,Michael L., 980 Belaire Court, Naperville, Illinois 60563, (US)
LEGAL REPRESENTATIVE:
  Herrmann-Trentepohl, Werner, Dipl.-Ing. et al (5373), Patentanwalte
    Herrmann-Trentepohl Grosse - Bockhorni & Partner Forstenrieder Allee 59
    , 81476 Munchen, (DE)
PATENT (CC, No, Kind, Date):   EP 597464   A1   940518 (Basic)
                               EP 597464   B1   970423
APPLICATION (CC, No, Date):    EP 93118224 931110;
PRIORITY (CC, No, Date): US 974252 921110
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; PT;
  SE
INTERNATIONAL PATENT CLASS: B65G-001/137; G09F-009/00;

ABSTRACT EP 597464 A1

    A programmable, visible display system or "light tree" for indicating
  loading and picking information to an operator of a storage conveyor of
  the horizontal carousel type is disclosed. The system includes a
  vertically extending array of regularly spaced lightable elements that is
  located adjacent the position occupied by a selected shelf of trays or
  bins for containing items to be stored or distributed. The display is
  programmed to match the vertical spacing of the shelves in each carrier
  of the storage conveyor so as to display information regarding the number
  of items to be removed from or placed in the bins when adjacent to the
  array, such information being horizontally aligned with the associated
  bin. (see image in original document)
ABSTRACT WORD COUNT: 122

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application:      940518 A1 Published application (A1with Search Report
                             ;A2without Search Report)
 *Assignee:        940601 A1 Applicant (transfer of rights) (change):
                             Electrolux Constructor GmbH (588331) Postfach
                             12 80 D-51676 Wipperfurth (DE) (applicant
                             designated states:
                             AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)
 Examination:      950118 A1 Date of filing of request for examination:
                             941117
 Examination:      960124 A1 Date of despatch of first examination report:
                             951208
 Change:           960703 A1 Representative (change)
 *Assignee:        960703 A1 Applicant (transfer of rights) (change):
                             Constructor Lagertechnik GmbH (2114870) Alte
                             Papiermuhle 25 51688 Wipperfurth (DE)
                             (applicant designated states:
                             AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)
 *Assignee:        960703 A1 Previous applicant in case of transfer of
                             rights (change): Electrolux Constructor GmbH
                             (588331) Postfach 12 80 D-51676 Wipperfurth
                             (DE) (applicant designated states:
                             AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;PT;SE)
 Grant:            970423 B1 Granted patent
 Oppn None:        980415 B1 No opposition filed
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text  Language   Update    Word Count
    CLAIMS A  (English)  EPABF2       802

```
         CLAIMS B   (English)   EPAB97      663
         CLAIMS B   (German)    EPAB97      629
         CLAIMS B   (French)    EPAB97      762
         SPEC A     (English)   EPABF2     2978
         SPEC B     (English)   EPAB97     3008
Total word count - document A              3781
Total word count - document B              5062
Total word count - documents A + B         8843
```

**7/5/3**
DIALOG(R)File 348:European Patents
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00538379
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
**Virtual channels for a multiplexed analog component (MAC) television system.**
**Virtuelle Kanale fur ein Multiplexanalogkomponentenfernsehsystem (MAC).**
**Canaux virtuels pour un systeme de television a composante analogique multiplexee.**
PATENT ASSIGNEE:
  SCIENTIFIC-ATLANTA, INC., (353651), One Technology Parkway, Box 105600,
    Atlanta, GA 30348, (US), (applicant designated states:
    AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE)
INVENTOR:
  Yoneda, Robert, 9 Stanton Avenue, Toronto, Ontario, Canada M4L 1W3, (CA)
  Gammie, Keith, 51 Hawkridge Avenue, Markham, Ontario, Canada L3P 1W1,
    (CA)
  Sheldrick, Wayne c/o Scientific-Atlanta, Inc., 120 Middlefield Road, Unit
    One, Mail Code - TOR 2, Scarborough, Ontario M1S 4MC, (CA)
LEGAL REPRESENTATIVE:
  Hogg, Jeffery Keith et al (31905), Withers & Rogers 4 Dyer's Buildings
    Holborn, London EC1N 2JT, (GB)
PATENT (CC, No, Kind, Date):   EP 508654   A2   921014 (Basic)
                               EP 508654   A3   940525
APPLICATION (CC, No, Date):    EP 92302676 920327;
PRIORITY (CC, No, Date): US 677555 910329
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; MC; NL;
  PT; SE
INTERNATIONAL PATENT CLASS: H04N-007/173; H04N-007/087; H04N-007/00;
  H04N-005/60; H04N-011/08; H04N-007/167; H04N-011/00;
CITED PATENTS (EP A): WO 8801463 A; US 4866770 A
CITED REFERENCES (EP A):
  PATENT ABSTRACTS OF JAPAN vol. 14, no. 38 (E-878) 24 January 1990 &
    JP-A-01 270 479 (SONY CORP) 27 October 1989;

ABSTRACT EP 508654 A2
    A decoder for use in a television system. The decoder includes a
receiver for receiving a television signal having at least one channel.
Each channel of the television signal includes video and audio
components. A channel maps the channel received by the receiver to a
plurality of virtual channels. A first virtual channel utilizes a first
combination of video and audio components of the received channel and a
second virtual channel utilizes a second combination of video and audio
components of the same received channel different than the first
combination. A selector allows a subscriber to select one of the virtual
channels. Linked text pages may also be mapped to one or more of the
virtual channels.
ABSTRACT WORD COUNT: 119

LEGAL STATUS (Type, Pub Date, Kind, Text):
  Application:      921014 A2 Published application (A1with Search Report
                              ;A2without Search Report)
  Change:           921223 A2 Inventor (change)
  Change:           940518 A2 Obligatory supplementary classification
                              (change)
  Search Report:    940525 A3 Separate publication of the European or
```

International search report

| Examination: | 950118 A2 | Date of filing of request for examination: 941124 |
| Change: | 950405 A2 | Representative (change) |
| *Assignee: | 951213 A2 | Applicant (transfer of rights) (change): SCIENTIFIC-ATLANTA, INC. (353654) One Technology Parkway South Norcross, GA 30092-2967 (US) (applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE ) |
| *Assignee: | 951213 A2 | Previous applicant in case of transfer of rights (change): SCIENTIFIC-ATLANTA, INC. (353651) One Technology Parkway, Box 105600 Atlanta, GA 30348 (US) (applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE ) |
| Examination: | 970528 A2 | Date of despatch of first examination report: 970414 |

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|---|---|---|---|
| CLAIMS A | (English) | EPABF1 | 802 |
| SPEC A | (English) | EPABF1 | 7820 |
| Total word count - document A | | | 8622 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 8622 |


**7/5/4**
DIALOG(R)File 348:European Patents
(c) 1998 European Patent Office. All rts. reserv.

00412257
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
**TV DATA CAPTURE DEVICE**
**FERNSEHDATENERFASSUNGSGERAT**
**UNITE DE SAISIE DE DONNEES DE TELEVISION**
PATENT ASSIGNEE:
  YEE, Keen Yoke, (1369640), 57 Ogden Ave., White Plains, NY 10605, (US),
    (applicant designated states: AT;DE;FR;GB;NL)
INVENTOR:
  YEE, Keen Yoke, 57 Ogden Ave., White Plains, NY 10605, (US)
LEGAL REPRESENTATIVE:
  Atchley, Martin John Waldegrave (27833), 60A Christchurch Road,
    Winchester, Hampshire SO23 9SY, (GB)
PATENT (CC, No, Kind, Date):  EP 464025  A1  920108 (Basic)
                              EP 464025  A1  921028
                              EP 464025  B1  960306
                              WO 9106912  910516
APPLICATION (CC, No, Date):   EP 89912778 891030;  WO 89US4852  891030
PRIORITY (CC, No, Date): EP 89912778 891030; WO 89US4852 891030
DESIGNATED STATES: AT; DE; FR; GB; NL
INTERNATIONAL PATENT CLASS: H04N-005/445;
CITED PATENTS (EP A): WO 9105436 A; GB 2217144 A; WO 8601359 A; US 4803551
  A; US 4803551 A; GB 2107159 A; GB 2107159 A
CITED PATENTS (WO A): US 4367548 A; US 4367557 A; US 4395780 A; US 4695880
  A; US 4734764 A
CITED REFERENCES (EP A):
  See also references of WO9106912;
LEGAL STATUS (Type, Pub Date, Kind, Text):

| Application: | 920108 A1 | Published application (A1with Search Report ;A2without Search Report) |
| Examination: | 920108 A1 | Date of filing of request for examination: 910626 |
| Search Report: | 921028 A1 | Drawing up of a supplementary European search report: 920910 |
| Examination: | 940727 A1 | Date of despatch of first examination report: |

**7/5/5**

00294921
ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348
**Multicast data distribution system.**
**Mehrfachaussendungsdatenubermittlungssystem.**
**Systeme de repartition de donnees a recepteurs multiples.**
PATENT ASSIGNEE:
  International Business Machines Corporation, (200120), Old Orchard Road,
    Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
  Naron, Steven E., 9909 Sorrel Avenue, Potomac Maryland 20854, (US)
  Branan, John M., 404 Suffield Drive, Gaithersburg Maryland 20878, (US)
  Martin, Gerland Arnold, 12528 War Admiral Way, Darnestown Maryland 20878,
    (US)
LEGAL REPRESENTATIVE:
  Schafer, Wolfgang, Dipl.-Ing. (62021), IBM Deutschland
    Informationssysteme GmbH Patentwesen und Urheberrecht, D-70548
    Stuttgart, (DE)
PATENT (CC, No, Kind, Date):  EP 303830  A2  890222 (Basic)
                              EP 303830  A3  910206
                              EP 303830  B1  940202
APPLICATION (CC, No, Date):   EP 88111425 880715;
PRIORITY (CC, No, Date): US 87850 870821
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: H04L-012/18;
CITED PATENTS (EP A): WO 8603642 A; US 4569042 A
CITED REFERENCES (EP A):
  A.S. TANENBAUM: "Computer Networks", 1981, pages 136-164, Prentice Hall,
    Englewood Cliffs, NY, US; Chapter 4: "The data link layer";

ABSTRACT EP 303830 A2
    A data distribution system for the timely, efficient and reliable
  distribution of data to an unlimited number of remote receiver
  installations. A data source (100) assembles data packets, and upon
  filling or after the lapse of a predetermined interval of time,
  broadcasts a respective data packet to all receivers (120) and recovery
  means along a communication network. Each receiver is intelligent, in
  that it copies the data packets into a buffer and has the responsibility
  of selecting out data needed to perform the receiver's intended
  functions. As a result, intermediate data selecting and routing means
  between the data source and receivers are avoided, resulting in data
  delivery which is both rapid and timely. For reliability, each receiver

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    *              W E L C O M E    T O    T H E                  *
    *           U. S.  P A T E N T   T E X T   F I L E            *
    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

=> s ticker

L1          197 TICKER

=> s ticker display?

            197 TICKER
         289378 DISPLAY?
L2           12 TICKER DISPLAY?
                (TICKER(W)DISPLAY?)

=> d 12 1-
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1. 5,809,483, Sep. 15, 1998, Online transaction processing system for
bond trading; S. William Broka, et al., 705/37 [IMAGE AVAILABLE]

2. 5,768,528, Jun. 16, 1998, Client-server system for delivery of online
information; Christian Stumm, 395/200.61; 379/93.25; 395/182.16, 200.47
[IMAGE AVAILABLE]

3. 5,339,392, Aug. 16, 1994, Apparatus and method for creation of a user
definable video displayed document showing changes in real time data;
Jeffrey S. Risberg, et al., 345/333, 334; 707/501 [IMAGE AVAILABLE]

4. 5,270,922, Dec. 14, 1993, System for distributing, processing and
displaying financial information; Gerard M. Higgins, 705/37; 340/825.26
[IMAGE AVAILABLE]

5. 3,913,089, Oct. 14, 1975, Method and apparatus for generating a
traveling display; Francis E. Albrecht, 345/18, 121 [IMAGE AVAILABLE]

6. 3,801,961, Apr. 2, 1974, SYSTEM FOR PROVIDING A VIDEO DISPLAY HAVING
DIFFERING VIDEO DISPLAY FORMATS; Thomas R. Coombe, 345/23, 27 [IMAGE
AVAILABLE]

7. 3,792,462, Feb. 12, 1974, METHOD AND APPARATUS FOR CONTROLLING A
MULTI-MODE SEGMENTED DISPLAY; Richard C. Casey, et al., 345/115;
340/825.26 [IMAGE AVAILABLE]

8. 3,742,482, Jun. 26, 1973, METHOD AND APPARATUS FOR GENERATING A
TRAVELING DISPLAY; Francis W. Albrecht, et al., 345/124; 340/825.26;
345/25, 28 [IMAGE AVAILABLE]

9. 3,742,288, Jun. 26, 1973, RASTER CONTROL DEVICE FOR CONTROLLING THE
POSITIONING OF THE RASTER AT THE BEGINNING OF EACH NEW LINE; Francis E.
Albrecht, et al., 315/393; 345/121 [IMAGE AVAILABLE]

10. 3,651,511, Mar. 21, 1972, TRAVELING MESSAGE DISPLAY; Russell W.
Andrews, et al., 345/148; 340/825.26 [IMAGE AVAILABLE]

11. 3,623,070, Nov. 23, 1971, TRAVELING-MESSAGE DISPLAY SYSTEM; Ronald
W. Johnson, et al., 345/56; 340/825.26; 377/129 [IMAGE AVAILABLE]

12. 3,569,936, Mar. 9, 1971, VISUAL INDICATOR PULSE SUPPLY APPARATUS;
Ronald W. Johnson, 340/825.57 [IMAGE AVAILABLE]

1.  5,722,192, Mar. 3, 1998, Moving decorative display for articles of clothing; Sybil Salley, 40/329, 452, 586, 661; 362/106 [IMAGE AVAILABLE]

2.  5,515,076, May 7, 1996, Multi-dimensional array video processor system; E. Earle Thompson, et al., 345/139, 502 [IMAGE AVAILABLE]

3.  3,801,961, Apr. 2, 1974, SYSTEM FOR PROVIDING A VIDEO DISPLAY HAVING DIFFERING VIDEO DISPLAY FORMATS; Thomas R. Coombe, 345/23, 27 [IMAGE AVAILABLE]

4.  3,742,482, Jun. 26, 1973, METHOD AND APPARATUS FOR GENERATING A TRAVELING DISPLAY; Francis W. Albrecht, et al., 345/124; 340/825.26; 345/25, 28 [IMAGE AVAILABLE]

5.  3,742,288, Jun. 26, 1973, RASTER CONTROL DEVICE FOR CONTROLLING THE POSITIONING OF THE RASTER AT THE BEGINNING OF EACH NEW LINE; Francis E. Albrecht, et al., 315/393; 345/121 [IMAGE AVAILABLE]

6.  3,656,148, Apr. 11, 1972, DATA HANDLING APPARATUS; Richmond D. Belcher, et al., 345/2; 340/825.27; 345/12, 26, 141 [IMAGE AVAILABLE]

7.  3,623,070, Nov. 23, 1971, TRAVELING-MESSAGE DISPLAY SYSTEM; Ronald W. Johnson, et al., 345/56; 340/825.26; 377/129 [IMAGE AVAILABLE]

8.  3,611,348, Oct. 5, 1971, CHARACTER DISPLAY SYSTEM; William Paul Rogers, 345/25; 340/825.26 [IMAGE AVAILABLE]

9.  3,566,090, Feb. 23, 1971, APPARATUS FOR CONTROLLING THE RATE OF TRANSFER OF INFORMATION; Ronald W. Johnson, 377/26; 340/825.27; 364/918, 918.7, 926.1, 926.5, 927.2, 927.4, 934, 934.1, 934.3, 939, 939.4, 942.7, 947, 947.6, DIG.2; 377/49; 395/200.63 [IMAGE AVAILABLE]

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        (FILE 'HOME' ENTERED AT 16:57:52 ON 19 NOV 1998)

        FILE 'USPATFULL' ENTERED AT 16:58:11 ON 19 NOV 1998
L1              6 S DISPLAY (6W)(STOCK TICKER OR STOCK SYMBOL# OR STOCK PRI

        FILE 'WPIDS' ENTERED AT 17:05:02 ON 19 NOV 1998
L2              16 S L1

=> d 1-16


L2    ANSWER 1 OF 16  WPIDS    COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    98-073575 [07]   WPIDS
DNN   N98-058946
TI    Information display for showing news data corresponding to variation
      of stock price in security industry - has display unit which shows
      received news information when CPU determines that news information
      coincide with search condition so that caution evocation of news
      information is performed.
DC    T01
PA    (KOKZ) KOKUSAI DENKI KK
CYC   1
PI    JP 09311774 A   971202 (9807)*        7 pp      G06F003-14
ADT   JP 09311774 A JP 96-126121 960521
PRAI  JP 96-126121   960521
IC    ICM  G06F003-14
      ICS  G06F017-21


L2    ANSWER 2 OF 16  WPIDS    COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    98-048366 [05]   WPIDS
DNN   N98-038637
TI    Fixing method of **display** node for **stock**
      **price** information - involves mounting of claws and stopper
      of display nodes on attachment hole.
DC    P85
PA    (KOKZ) KOKUSAI DENKI KK
CYC   1
PI    JP 09297540 A   971118 (9805)*        3 pp      G09F007-18
ADT   JP 09297540 A JP 96-109041 960430
PRAI  JP 96-109041   960430
IC    ICM  G09F007-18
      ICS  G09F007-02


L2    ANSWER 3 OF 16  WPIDS    COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    97-541494 [50]   WPIDS
DNN   N97-450828
TI    Stock price report display device for information transfer system -
      has **display** screens which **display stock**
      **price** information and brand name in several rows, according
      to respective area number and display method.
DC    P85 T01
PA    (KOKZ) KOKUSAI DENKI KK
CYC   1
PI    JP 09259182 A   971003 (9750)*        12 pp     G06F017-60
ADT   JP 09259182 A JP 96-68824 960325
PRAI  JP 96-68824    960325

L2    ANSWER 4 OF 16   WPIDS    COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    97-476929 [44]   WPIDS
DNN   N97-397713
TI    Information display device for e.g. bank, security company - has
      display screen that displays entire news information e.g. stock
      prices, interest rates by allowing continuous flowing of news
      information to display.
DC    P85 T01
PA    (MATU) MATSUSHITA DENKI SANGYO KK
CYC   1
PI    JP 09223173 A   970826 (9744)*      10 pp     G06F017-60
ADT   JP 09223173 A JP 96-31787 960220
PRAI  JP 96-31787    960220
IC    ICM   G06F017-60
      ICS   G09G003-00
ICA   G09G005-00

L2    ANSWER 5 OF 16   WPIDS    COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    97-216647 [20]   WPIDS
DNN   N97-178634       DNC C97-069931
TI    Electrochromic element used in glare-proof mirror of large sized
      **display** plates such as **stock price**
      display - has sealing layer which is sealed between pair of glass
      substrates, using fluororesin type adhesive.
DC    A14 A85 P81 U14 V07
PA    (TOFU) TONEN CORP
CYC   1
PI    JP 09061857 A   970307 (9720)*      7 pp     G02F001-161
ADT   JP 09061857 A JP 95-218714 950828
PRAI  JP 95-218714    950828
IC    ICM   G02F001-161
      ICS   G02F001-15

L2    ANSWER 6 OF 16   WPIDS    COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    97-142212 [13]   WPIDS
DNN   N97-117744
TI    Display device of security commercial scene information such as
      stock price - has screen output part which outputs selected
      information according to screen structure in screen structure memory
      part.
DC    P85 T01
PA    (KOKZ) KOKUSAI DENKI KK
CYC   1
PI    JP 09022267 A   970121 (9713)*      12 pp     G09G003-00
ADT   JP 09022267 A JP 95-194066 950707
PRAI  JP 95-194066    950707
IC    ICM   G09G003-00
      ICS   G06F003-14; G09G005-36

L2    ANSWER 7 OF 16   WPIDS    COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    97-091280 [09]   WPIDS
DNN   N97-075203
TI    Stock price data **display** for various stock brands - has
      **stock price** data **display** command unit
      that displays **stock price** data entered into
      input unit on appointed positions on display boards.
DC    P85 T01 T04
PA    (MATU) MATSUSHITA DENKI SANGYO KK
CYC   1
PI    JP 08328500 A   961213 (9709)*      7 pp     G09G003-00
ADT   JP 08328500 A JP 95-133420 950531
PRAI  JP 95-133420    950531

IC    ICM  G09G003-0●

L2    ANSWER 8 OF 16   WPIDS    COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    96-510391 [51]    WPIDS
DNN   N96-430261
TI    Market data receiver for selective **display** of received
      market data e.g. **stock price** - edits extracted
      data code into selection code data and prints edited selection code
      data to group.
DC    T01
PA    (KOKZ) KOKUSAI DENKI KK
CYC   1
PI    JP 08263560 A  961011 (9651)*     14 pp    G06F017-60
ADT   JP 08263560 A JP 95-90007 950324
PRAI  JP 95-90007    950324
IC    ICM  G06F017-60
      ICS  G06F019-00


L2    ANSWER 9 OF 16   WPIDS    COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    96-489655 [49]    WPIDS
DNN   N96-412593
TI    Information **display** appts for **display** of
      interest rate, **stock price**, numeric data,
      numeric character in bank, security firm - has scroll control unit
      to display message information in item display part based on data
      from image memory part in state where scrolling is not used.
DC    P85 W05
PA    (KOKZ) KOKUSAI DENKI KK
CYC   1
PI    JP 08248915 A  960927 (9649)*     5 pp    G09G003-20
ADT   JP 08248915 A JP 95-78137 950309
PRAI  JP 95-78137    950309
IC    ICM  G09G003-20


L2    ANSWER 10 OF 16   WPIDS    COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    96-177085 [18]    WPIDS
DNN   N96-148781
TI    Information **display** for providing movement of market
      **stock price** information to stock exchange - has
      central processing unit for classifying and arranging market stock
      price information that will be transferred from data storage part to
      display appts., based on information specification from input unit.
DC    T01
PA    (KOKZ) KOKUSAI DENKI KK
CYC   1
PI    JP 08055153 A  960227 (9618)*     6 pp    G06F017-60
ADT   JP 08055153 A JP 94-189281 940811
PRAI  JP 94-189281    940811
IC    ICM  G06F017-60


L2    ANSWER 11 OF 16   WPIDS    COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    96-168714 [17]    WPIDS
DNN   N96-141893
TI    Cordless stock price reporting device - uses display side control
      part to update in harmonious portion of data.
DC    T01 W02
PA    (KOKZ) KOKUSAI DENKI KK
CYC   1
PI    JP 08050618 A  960220 (9617)*     8 pp    G06F017-60
ADT   JP 08050618 A JP 94-203077 940805
PRAI  JP 94-203077    940805
IC    ICM  G06F017-60
      ICS  G06F013-00


L2    ANSWER 12 OF 16   **WPIDS**    COPYRIGHT 1998 DERWENT INFORMATION LTD

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AN    96-120790 [13]    WPIDS
DNN   N96-101233
TI    Information display device for displaying stock
      price - includes controller to perform predetermined
      processing to information to be displayed based on contents of
      screen definition file.
DC    T01
PA    (KOKZ) KOKUSAI DENKI KK
CYC   1
PI    JP 08016667 A   960119 (9613)*      10 pp     G06F017-60
ADT   JP 08016667 A JP 94-171583 940701
PRAI  JP 94-171583   940701
IC    ICM G06F017-60
      ICS G06F003-14


L2    ANSWER 13 OF 16  WPIDS    COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    96-067009 [07]    WPIDS
DNN   N96-056473
TI    Stock-price reporting system - has two kinds of display terminals
      that display input information in character data form considered as
      stock-price information  transmitted at different data rates.
DC    W01
PA    (KOKZ) KOKUSAI DENKI KK
CYC   1
PI    JP 07327087 A   951212 (9607)*       6 pp     H04M011-00
ADT   JP 07327087 A JP 94-189102 940601
PRAI  JP 94-189102   940601
IC    ICM H04M011-00
      ICS H04L007-00; H04L029-06


L2    ANSWER 14 OF 16  WPIDS    COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    92-085552 [11]    WPIDS
TI    Device for displaying stock-price data from teletext -  has decoder,
      data memory, data controller, data selector, and display unit
      NoAbstract Dwg 1/23.
DC    P85 R57 W03
PA    (SOPH-N) SOPHIA SYST
CYC   1
PI    JP 04029295 A   920131 (9211)*      18 pp
ADT   JP 04029295 A JP 90-134169 900525
PRAI  JP 90-134169   900525
IC    G09G005-00; H04N007-08


L2    ANSWER 15 OF 16  WPIDS    COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    90-373704 [50]    WPIDS
TI    Colour CRTs display e.g. for stock price
      list - uses controller for driving four colour CRTs and includes
      video control boards for supplying data from data source
      NoAbstract.
PA    (KIMS-I) KIM S
CYC   1
PI    KR 9000475  B   900130 (9050)*
PRAI  KR 87-2246      870713
IC    G06F003-15


L2    ANSWER 16 OF 16  WPIDS    COPYRIGHT 1998 DERWENT INFORMATION LTD
AN    84-115087 [19]    WPIDS
DNN   N84-085013
TI    Electronic display panel for stock prices - has parallel display
      panels mounted on carriers with integrated circuit chips providing
      control functions.
DC    P85 T04 U14 W05
IN    BIRK, K P
PA    (OPTI-N) OPTI TABLE ALUMINIUM PROD
CYC   1
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     *             W E L C O M E    T O    T H E                  *
     *         U. S.  P A T E N T   T E X T   F I L E             *
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=> s ticker

L1          197 TICKER

=> s ticker display?

          197 TICKER
       289378 DISPLAY?
L2           12 TICKER DISPLAY?
              (TICKER(W)DISPLAY?)

=> d 12 1-


1.  5,809,483, Sep. 15, 1998, Online transaction processing system for
bond trading; S. William Broka, et al., 705/37 [IMAGE AVAILABLE]

2.  5,768,528, Jun. 16, 1998, Client-server system for delivery of online
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[IMAGE AVAILABLE]

3.  5,339,392, Aug. 16, 1994, Apparatus and method for creation of a user
definable video displayed document showing changes in real time data;
Jeffrey S. Risberg, et al., 345/333, 334; 707/501 [IMAGE AVAILABLE]

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displaying financial information; Gerard M. Higgins, 705/37; 340/825.26
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traveling display; Francis E. Albrecht, 345/18, 121 [IMAGE AVAILABLE]

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DIFFERING VIDEO DISPLAY FORMATS; Thomas R. Coombe, 345/23, 27 [IMAGE
AVAILABLE]

7.  3,792,462, Feb. 12, 1974, METHOD AND APPARATUS FOR CONTROLLING A
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